

EXHIBIT 27

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
1.	A location monitoring system, comprising:	"Locate your family members with AT&T FamilyMap! Get piece of mind by being able to conveniently locate a family member's wireless phone on a map from your mobile phone or PC." (https://familymap.wireless.att.com/finder-att-family/howWorks.htm)
1.a	a plurality of mobile computing devices supported by a wireless network,	"Locate your family members with AT&T FamilyMap! Get peace of mind by being able to conveniently locate a family member's wireless phone on a map from your mobile phone or PC. Want to verify that your child arrives home from school each day? Set up a Schedule Check to automatically get location information sent to you via text message or email. Locate any phone indoors or outdoors on the AT&T network!" (https://familymap.wireless.att.com/finder-att-family/howWorks.htm) Each of these phones is a mobile computing device which is supported by the AT&T wireless network.
1.a.1	each of said mobile computing devices being associated with and proximate to a corresponding object; and	"Locate your family members with AT&T FamilyMap! Get piece of mind by being able to conveniently locate a family member's wireless phone on a map from your mobile phone or PC." (https://familymap.wireless.att.com/finder-att-family/howWorks.htm)
1.b	a web server operatively connectable to the wireless network,	FamilyMap includes, but is not limited to, a server found at https://familymap.wireless.att.com/finder-att-family/main.htm .

Exhibit 27


	Claim	Preliminary Exemplary Infringement Support
1.b cont.		 <p>The screenshot displays the AT&T FamilyMap web application. The browser address bar shows the URL https://familymap.wireless.att.com/finder-att-family/main.htm. The page features the AT&T FamilyMap logo and navigation links for 'Manage Account', 'Help', and 'Logout'. A map of Minneapolis is shown, with a legend indicating 'Location' (orange dot) and 'Place' (blue house icon). A sidebar on the right lists family members: Bobby Doe (612-669-1294) and John Doe (612-669-1297), each with a 'LOCATE' button and a 'Schedule' link. The page footer includes copyright information: ©2009 AT&T Intellectual Property and ©2009 Wavemarket.</p>

Exhibit 27


	Claim	Preliminary Exemplary Infringement Support
1.b.1	said web server storing locations of each of said mobile computing devices, and	<p>A server at https://familymap.wireless.att.com/finder-att-family/main.htm stores the location of each of the mobile devices, which can then be retrieved via that server, as shown below.</p>  <p>The screenshot shows the AT&T FamilyMap website interface. At the top, there's a navigation bar with 'Manage Account', 'Help', and 'Logout'. Below this is the AT&T FamilyMap logo and a header image of children. The main content area features a map with a location marker for 'John Doe' at 2:23 PM. A pop-up window shows the location accuracy: 'Accuracy was within 327 yds.' with links to 'Send Message' and 'Add Place Here'. The sidebar on the right lists family members: Bobby Doe (612-669-1294) and John Doe (612-669-1297), each with a 'LOCATE' button and a 'change photo' link. The footer contains copyright information: '©2009 AT&T Intellectual Property' and '©2009 Wavemarket'.</p>

Exhibit 27

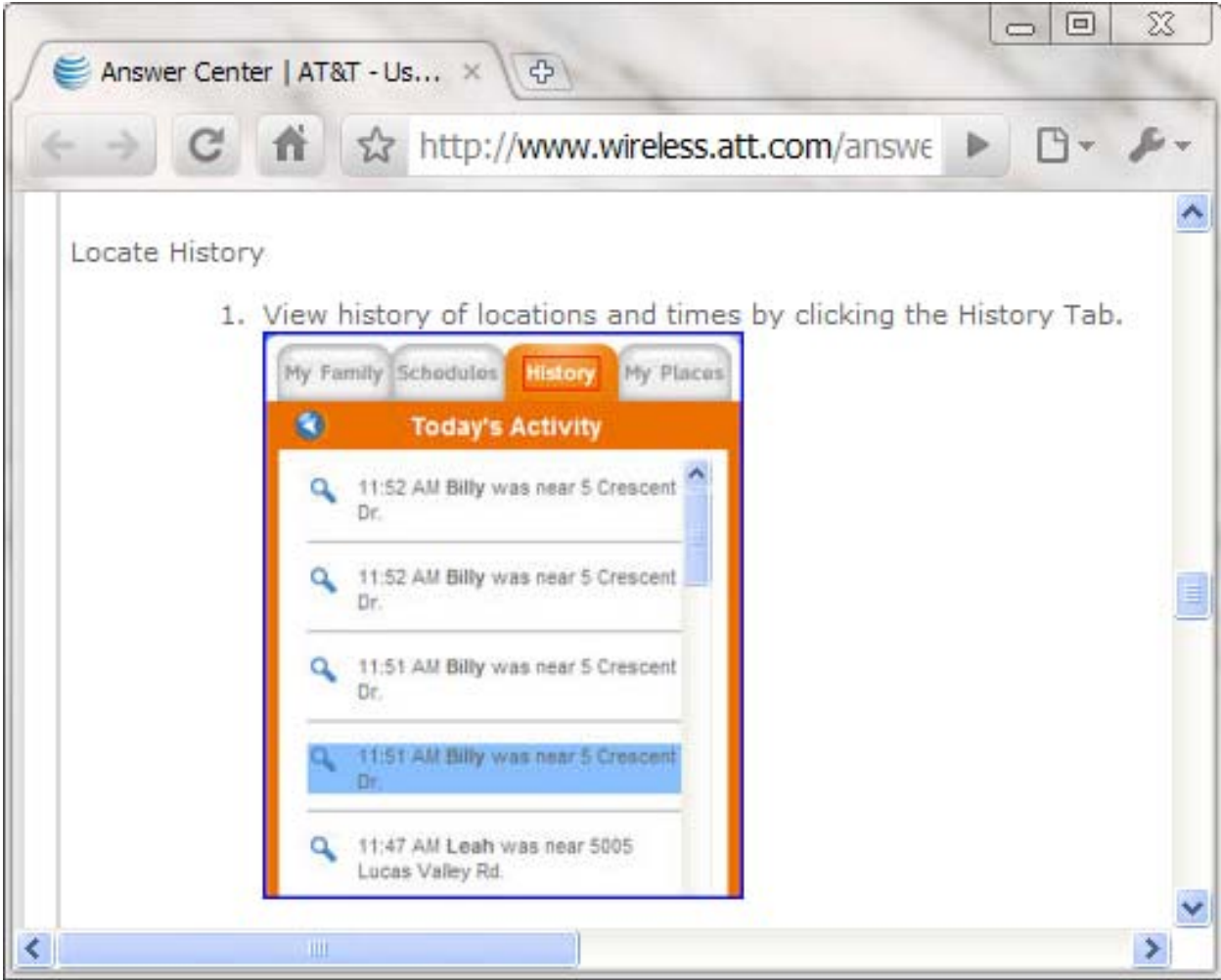
	Claim	Preliminary Exemplary Infringement Support
1.b.1 cont.		<p>The stored locations can also be seen by using the “History” tab.</p>  <p>Screen shot from http://www.wireless.att.com/answer-center/main.jsp?solutionId=KB102761&t=solutionTab</p>

Exhibit 27

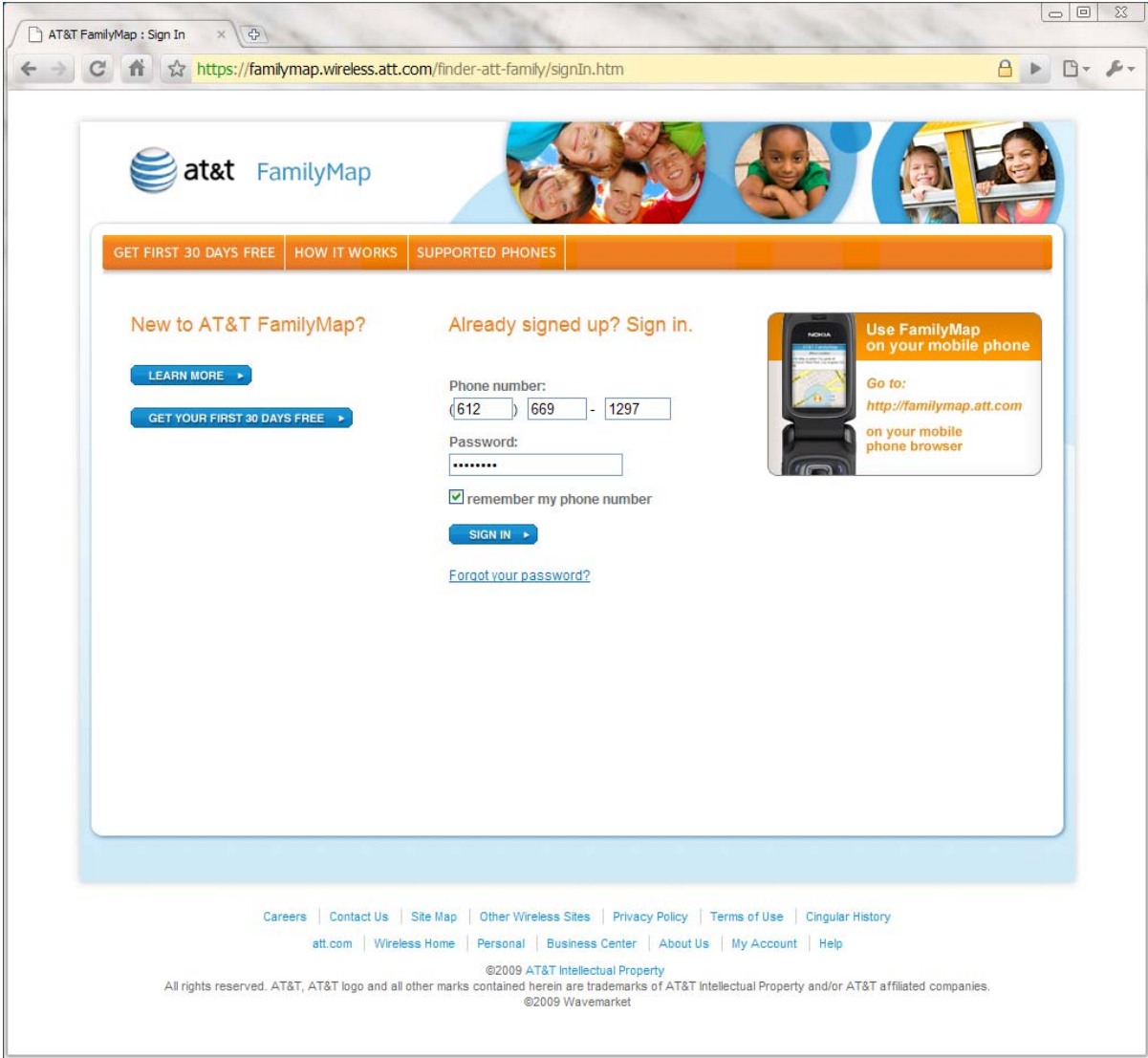
	Claim	Preliminary Exemplary Infringement Support
1.b.2	said web server enabling authorized users to access the locations of said mobile computing devices via the Internet,	<p>For a user to be authorized to access the location information, the user is required to log into FamilyMap.</p> 

Exhibit 27


	Claim	Preliminary Exemplary Infringement Support
1.b.2 cont.		<p>Authorized users can access the location of the phones via a server at https://familymap.wireless.att.com/finder-att-family/main.htm.</p>  <p>The screenshot shows the AT&T FamilyMap website interface. At the top, there's a navigation bar with links for 'Manage Account', 'Help', and 'Logout'. Below this is a header with the AT&T FamilyMap logo and a photo of a family. The main content area features a map of Minneapolis, Minnesota, with various streets and landmarks labeled. A legend in the bottom left corner identifies 'Location' (orange dot) and 'Place' (blue square). To the right of the map, there's a sidebar titled 'My Family' with tabs for 'Schedules', 'History', and 'My Places'. It lists two family members: Bobby Doe (612-669-1294) and John Doe (612-669-1297), each with a 'LOCATE' button and a 'change photo' link. At the bottom of the page, there's a footer with links for 'Corporate Website', 'Help', 'Privacy Policy', and 'Terms of Use', along with copyright information for 2009 AT&T Intellectual Property and Wavemarket.</p>

Exhibit 27


	Claim	Preliminary Exemplary Infringement Support
1.b.2 cont.		<p>As one example, an authorized user can click on the "Locate" icon shown above to find the location of any of the phones. In response, a server provides the authorized user with the location, as shown below.</p>  <p>The screenshot displays the AT&T FamilyMap web application. The browser address bar shows the URL https://familymap.wireless.att.com/finder-att-family/main.htm. The page features the AT&T logo and a navigation bar with links for 'Manage Account', 'Help', and 'Logout'. Below the navigation bar, there are circular profile pictures of family members. The main content area is divided into two sections. On the left, a map shows a street grid with a location pin for 'John Doe' at 2:23 PM. A pop-up window indicates the accuracy is within 327 yards and provides links for 'Send Message' and 'Add Place Here'. On the right, a sidebar titled 'My Family' lists family members: Bobby Doe (612-669-1294) and John Doe (612-669-1297). Each entry includes a 'LOCATE' button and a 'change photo' link. The footer contains copyright information for 2009 AT&T Intellectual Property and Wavemarket.</p>

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
1.c	wherein access to locations of each of said mobile computing devices is controlled by the owner or user of the corresponding mobile computing device,	<p>"Location Services can be turned on or off at Settings > General > Location Services." (http://support.apple.com/kb/HT1975)</p> <p>"For your protection, we want you to be aware that some applications that you enable may involve the location of your phone being shared. For applications available through AT&T, we offer privacy controls that let you decide how an application may use the location of your phone and other phones on your account." (<i>Solstice User Guide</i>, pages: iii)</p> <p>"Because AT&T values your privacy and knows that the visibility of your mobile phone's location is information you should control, we created tools that give the Account Holder of your AT&T wireless account the ability to manage the privacy preferences of phones on your account. These tools let the Account Holder choose whether your phones are allowed to be tracked by others ... Furthermore, when someone on your account has signed up for the AT&T FamilyMap and identified one or more phones on the same account to be located, the Account Holder will receive notification communicating that this has occurred and will be provided information about these tools." (https://familymap.wireless.att.com/finder-att-family/helpContent.htm?topic=3)</p> <p>"AT&T FamilyMap uses several different techniques to locate a phone. However, given all of these techniques, geographic conditions and phone limitations can still result in inaccurate locations. Common poor geographic conditions and phone limitations include:</p> <ul style="list-style-type: none"> • The phone that you are trying to locate is deep inside a building or car. • The phone is surrounded by tall buildings, hills, or trees. • The phone is powered off. • The phone's battery has run out. • The phone is not in AT&T network coverage. • Service on the particular line/number has been terminated or suspended.

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
		By design, certain phones are more limited in providing accurate locations. For specific information on how to create optimal conditions, you should consult the phone's user manual." (https://familymap.wireless.att.com/finder-att-family/helpContent.htm?topic=5)
1.d	wherein the authorized users do not have to be proximate to the objects whose locations they are authorized to access,	Authorized users do not have to be near the people or phones they are trying to locate. Instead, "[l]ocate your family members with AT&T FamilyMap! Get peace of mind being able to conveniently locate a family member's wireless phone on a map from your mobile phone or PC." (https://familymap.wireless.att.com/finder-att-family/howWorks.htm)
1.e	wherein said web server determines whether an electronic mail or instant message notification is to be sent to an authorized user based on the location of at least one of the mobile computing devices corresponding to an object,	"Schedule Checks allow you to set a day and time to automatically locate a family member's phone. For example, you can set a Schedule Check for 4:00PM every weekday to make sure your child gets home from school when you expect them. Once you create a Schedule Check, AT&T FamilyMap will locate your family member's phone and send you the location via email or text message." (https://familymap.wireless.att.com/finder-att-family/helpContent.htm?topic=1) FamilyMap "Schedule Checks" allow a server to determine whether to send a notification to an authorized user based on the location of one of the phones.

Exhibit 27

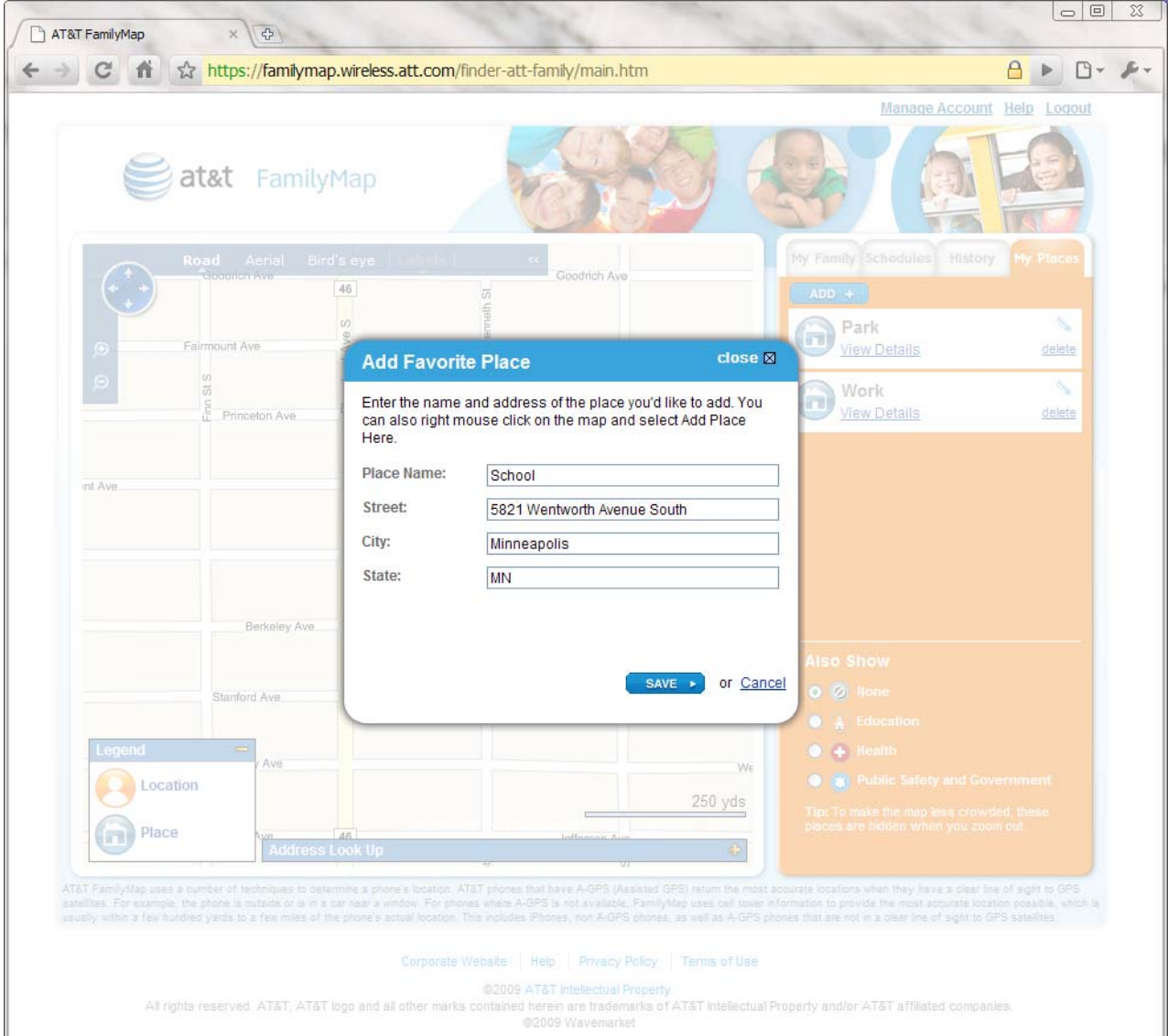
	Claim	Preliminary Exemplary Infringement Support
1.e cont.		<p>As one example, a Schedule Check can be implemented to see if Bobby Doe is located at School.</p>  <p>The screenshot displays the AT&T FamilyMap web application. A 'Add Favorite Place' modal window is open, prompting the user to enter the name and address of a location. The fields are filled with: Place Name: School, Street: 5821 Wentworth Avenue South, City: Minneapolis, and State: MN. The background shows a map of Minneapolis with streets like Goodrich Ave, Fairmount Ave, Princeton Ave, Berkeley Ave, and Stanford Ave. A legend on the left indicates 'Location' and 'Place'. On the right, there are tabs for 'My Family', 'Schedules', 'History', and 'My Places', along with a list of favorite places like 'Park' and 'Work'. At the bottom, there is a copyright notice for 2009 AT&T Intellectual Property and Wavemarket.</p>

Exhibit 27

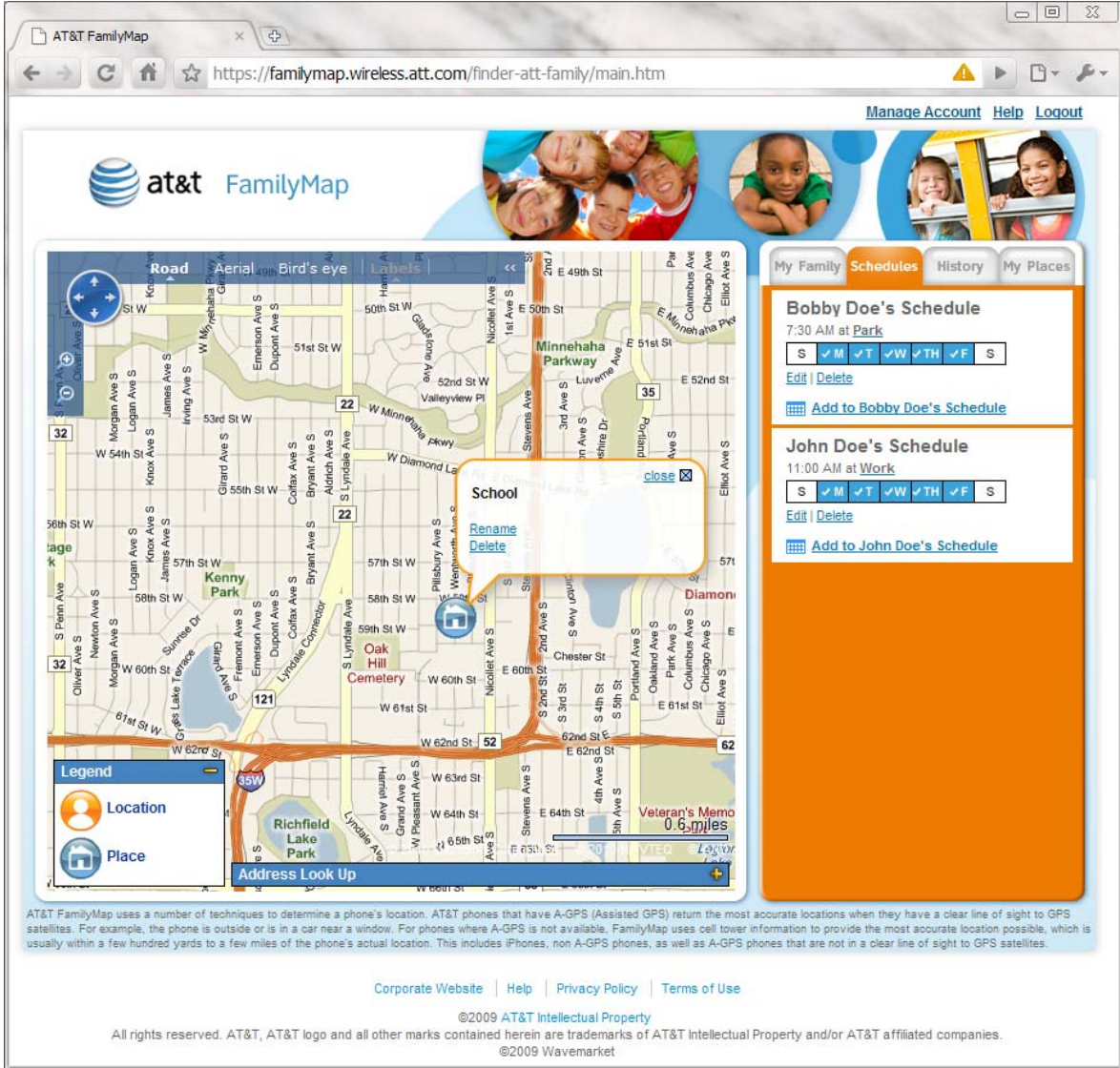
	Claim	Preliminary Exemplary Infringement Support
1.e cont.		<p>Then, the authorized user can choose to "Add to Bobby Doe's Schedule".</p>  <p>The screenshot displays the AT&T FamilyMap interface. The main map shows a city grid with a 'School' location highlighted. The right sidebar contains two schedule sections: 'Bobby Doe's Schedule' and 'John Doe's Schedule'. Each section includes a time and location (e.g., '7:30 AM at Park' and '11:00 AM at Work'), a day-of-the-week selector, and buttons for 'Edit', 'Delete', and 'Add to [Name]'s Schedule'. The 'Add to Bobby Doe's Schedule' button is highlighted in orange.</p> <p>AT&T FamilyMap uses a number of techniques to determine a phone's location. AT&T phones that have A-GPS (Assisted GPS) return the most accurate locations when they have a clear line of sight to GPS satellites. For example, the phone is outside or is in a car near a window. For phones where A-GPS is not available, FamilyMap uses cell tower information to provide the most accurate location possible, which is usually within a few hundred yards to a few miles of the phone's actual location. This includes iPhones, non A-GPS phones, as well as A-GPS phones that are not in a clear line of sight to GPS satellites.</p> <p>Corporate Website Help Privacy Policy Terms of Use</p> <p>©2009 AT&T Intellectual Property All rights reserved. AT&T, AT&T logo and all other marks contained herein are trademarks of AT&T Intellectual Property and/or AT&T affiliated companies. ©2009 Wavemarket</p>

Exhibit 27

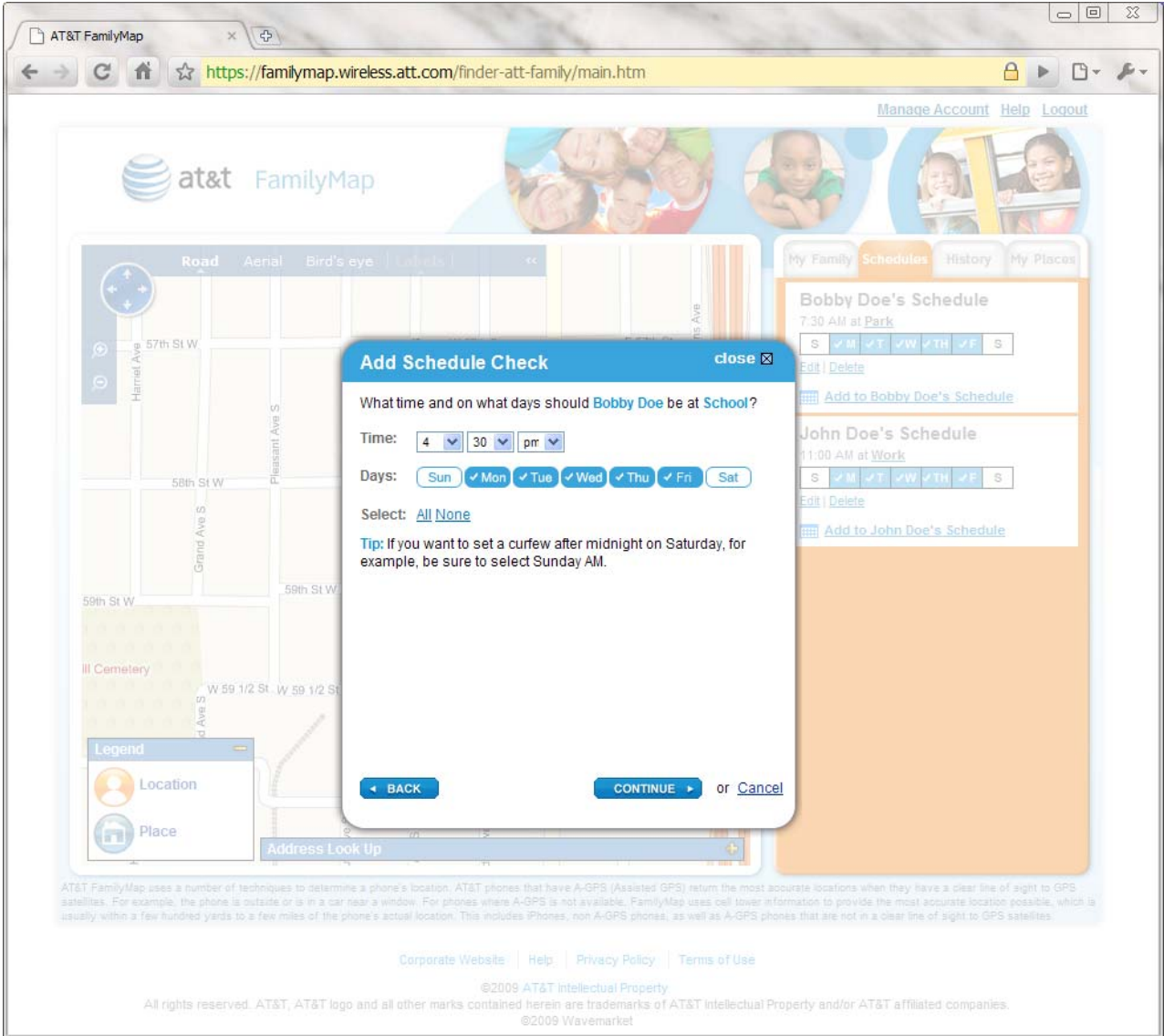
	Claim	Preliminary Exemplary Infringement Support
1.e cont.		<p>Parameters are added to set the dates and times when the phone should be at the notification location.</p>  <p>The screenshot displays the AT&T FamilyMap web application. A modal dialog titled 'Add Schedule Check' is open, prompting the user to set a schedule for 'Bobby Doe' at 'School'. The dialog includes fields for 'Time' (4:30 pm) and 'Days' (Mon, Tue, Wed, Thu, Fri). A 'Tip' at the bottom of the dialog suggests setting a curfew after midnight on Saturday by selecting Sunday AM. The background shows a map interface with a legend, an address look-up bar, and a sidebar with schedules for Bobby Doe and John Doe. The browser's address bar shows the URL 'https://familymap.wireless.att.com/finder-att-family/main.htm'.</p>

Exhibit 27

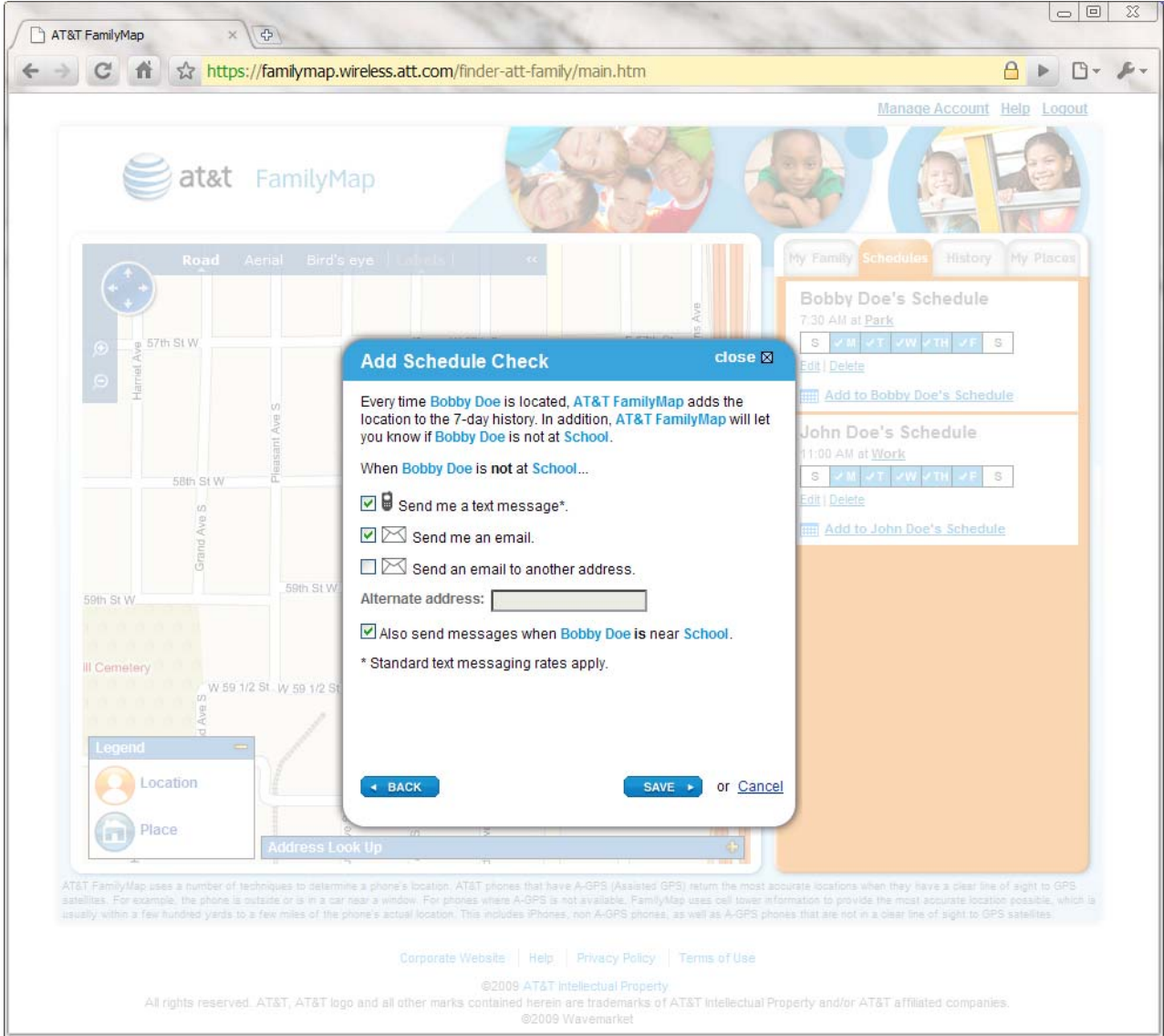
	Claim	Preliminary Exemplary Infringement Support
1.e cont.		<p>The authorized user also selects whether the notification will be sent by text message and/or an email.</p>  <p>The screenshot displays the AT&T FamilyMap interface. A map is visible on the left, showing a grid of streets including 57th St W, 58th St W, and 59th St W. A legend in the bottom left corner identifies 'Location' and 'Place'. On the right, there are sections for 'Bobby Doe's Schedule' and 'John Doe's Schedule', each with a 7-day calendar view. A central dialog box titled 'Add Schedule Check' is open, containing the following text: 'Every time Bobby Doe is located, AT&T FamilyMap adds the location to the 7-day history. In addition, AT&T FamilyMap will let you know if Bobby Doe is not at School.' Below this, it asks 'When Bobby Doe is not at School...' and provides three options: 'Send me a text message*' (checked), 'Send me an email.' (checked), and 'Send an email to another address.' (unchecked). There is an 'Alternate address:' field. At the bottom of the dialog, it says 'Also send messages when Bobby Doe is near School.' (checked) and '* Standard text messaging rates apply.' The dialog has 'BACK', 'SAVE', and 'Cancel' buttons. The website footer includes copyright information for 2009 AT&T Intellectual Property and Wavemarket.</p>

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
1.f	wherein said web server sends an electronic mail or instant message notification to the authorized user when it has been determined that an electronic mail or instant message notification is to be sent to the authorized user,	<p>The Schedule Check procedure above outlines the procedure by which a server determines if a notification is to be sent to the authorized user.</p> <p>That example notification is then sent. For example, the following email was received from no-reply@familymap.wireless.att.com by the authorized user, based on a previously configured Schedule Check.</p> <p>"Schedule Check Notification</p> <p>Bobby Doe's phone was at School at 4:28 PM, 06/21/2010.</p> <p>Bobby Doe was located within 786 yds of 5727 S 1st Ave in Minneapolis, MN at 4:28 PM, 06/21/2010. Accuracy may vary depending on handset type and network conditions.</p> <p>Want to locate Bobby Doe's phone again? Go to www.att.com/familymap.</p> <p>You have asked to receive emails at 4:30 PM on Monday, Tuesday, Wednesday, Thursday, and Friday, and be told whether Bobby Doe's phone is at School.</p> <p>To update Bobby Doe's schedule checks or to change how you receive these notifications, go to AT&T FamilyMap and click the Schedules tab." (E-mail from no-reply@familymap.wireless.att.com to guardianloc@gmail.com on June 21, 2010 at 4:28 PM)</p>
1.g	wherein one or more notification locations are defined by the authorized user through interaction with said web server, and	The authorized user defines notification locations by interaction with a server.

Exhibit 27

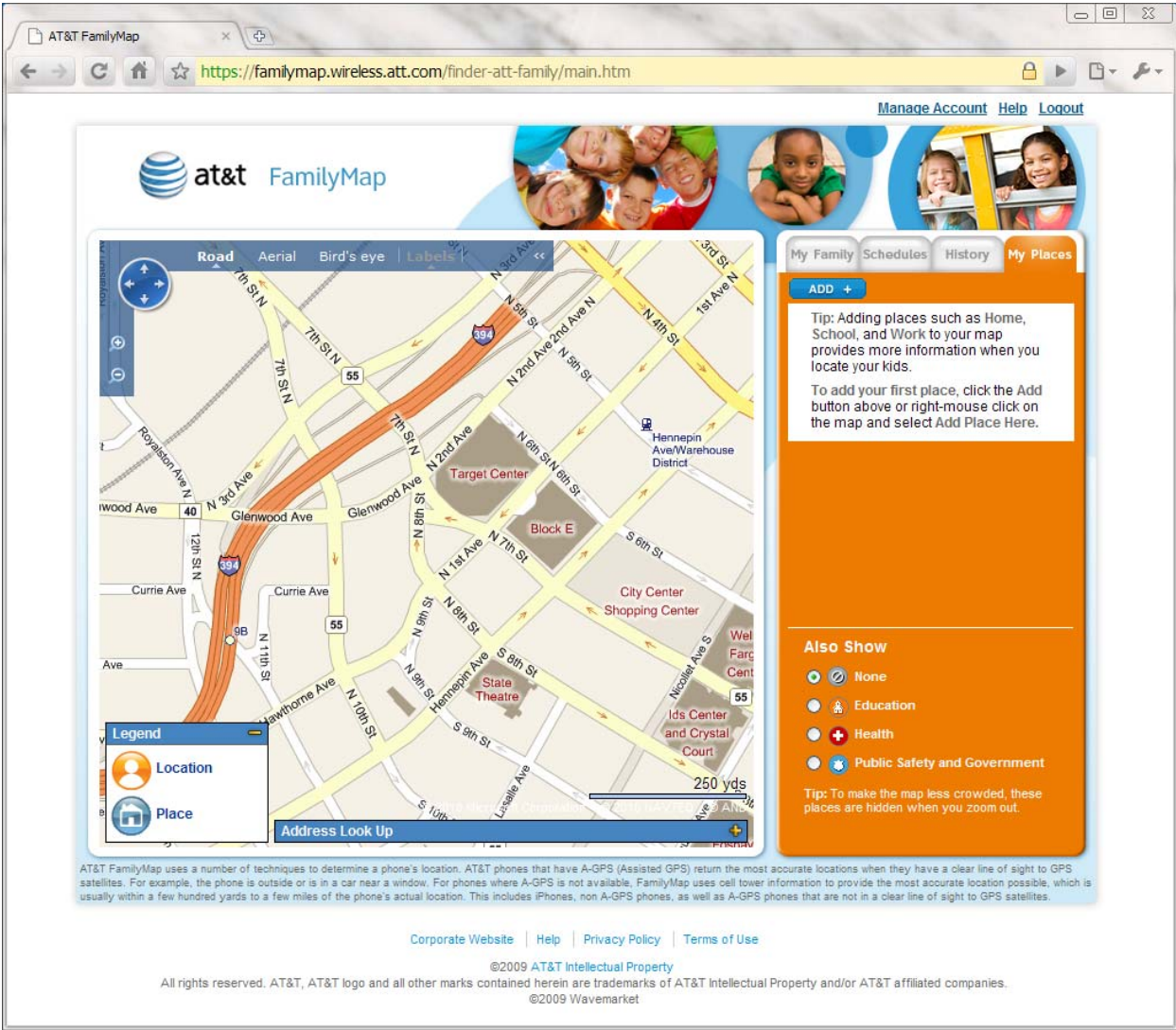
	Claim	Preliminary Exemplary Infringement Support
1.g cont.		<p>For example, the authorized user can use "My Places" to add notification locations.</p>  <p>The screenshot displays the AT&T FamilyMap web application. The browser address bar shows the URL https://familymap.wireless.att.com/finder-att-family/main.htm. The page features the AT&T FamilyMap logo and a navigation bar with links for 'Manage Account', 'Help', and 'Logout'. Below the navigation bar, there are several circular profile pictures of children. The main content area is divided into a map view and a sidebar. The map view shows a street map of Minneapolis, MN, with various locations marked. The sidebar on the right contains a 'My Places' section with an 'ADD +' button and a tip: 'Tip: Adding places such as Home, School, and Work to your map provides more information when you locate your kids. To add your first place, click the Add button above or right-mouse click on the map and select Add Place Here.' Below this is an 'Also Show' section with radio buttons for 'None', 'Education', 'Health', and 'Public Safety and Government'. At the bottom of the sidebar, there is another tip: 'Tip: To make the map less crowded, these places are hidden when you zoom out.' The map view includes a legend with 'Location' and 'Place' icons, and an 'Address Look Up' field. The footer of the page contains copyright information: '©2009 AT&T Intellectual Property' and '©2009 Wavemarket'.</p>

Exhibit 27

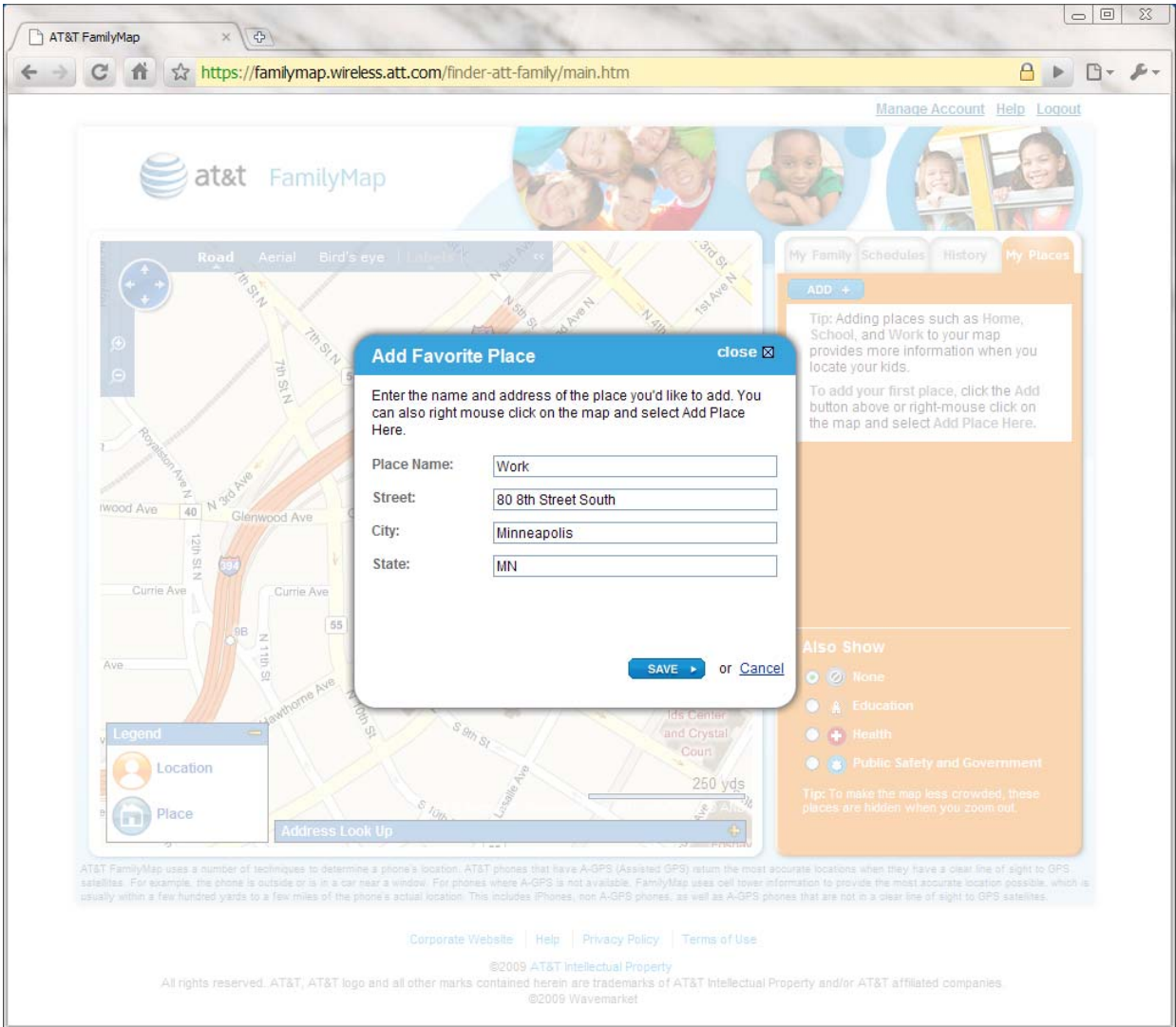
	Claim	Preliminary Exemplary Infringement Support
1.g cont.		<p>By clicking "Add +", the authorized user can choose the name and address of the location.</p>  <p>The screenshot displays the AT&T FamilyMap web application. A modal dialog titled "Add Favorite Place" is open, allowing a user to add a new location. The dialog contains the following fields and text:</p> <ul style="list-style-type: none"> Title: Add Favorite Place Instructions: Enter the name and address of the place you'd like to add. You can also right mouse click on the map and select Add Place Here. Place Name: Work Street: 80 8th Street South City: Minneapolis State: MN Buttons: SAVE or Cancel <p>The background interface includes a map of Minneapolis, a legend for "Location" and "Place", and a sidebar with tabs for "My Family", "Schedules", "History", and "My Places". A tip on the right suggests adding places like Home, School, and Work for better location tracking.</p>

Exhibit 27


	Claim	Preliminary Exemplary Infringement Support
1.g cont.		<p>The authorized user can set up multiple locations. For example, the authorized user can have notification locations for the park, school and work.</p>  <p>The screenshot displays the AT&T FamilyMap web application. The browser address bar shows the URL https://familymap.wireless.att.com/finder-att-family/main.htm. The page features the AT&T FamilyMap logo and a navigation bar with links for 'Manage Account', 'Help', and 'Logout'. Below the navigation bar, there are tabs for 'My Family', 'Schedules', 'History', and 'My Places'. The 'My Places' tab is active, showing a list of locations: 'Park', 'School', and 'Work'. Each location has a 'View Details' link and a 'delete' link. A map is displayed in the center, showing a street grid with a 'School' location marked by a blue icon. A pop-up window for the 'School' location is visible, containing a 'close' button, a 'Rename' link, and a 'Delete' link. The map also includes a legend, an 'Address Look Up' field, and a scale bar. At the bottom of the page, there is a footer with copyright information: '©2009 AT&T Intellectual Property' and '©2009 Wavemarket'.</p>

Exhibit 27

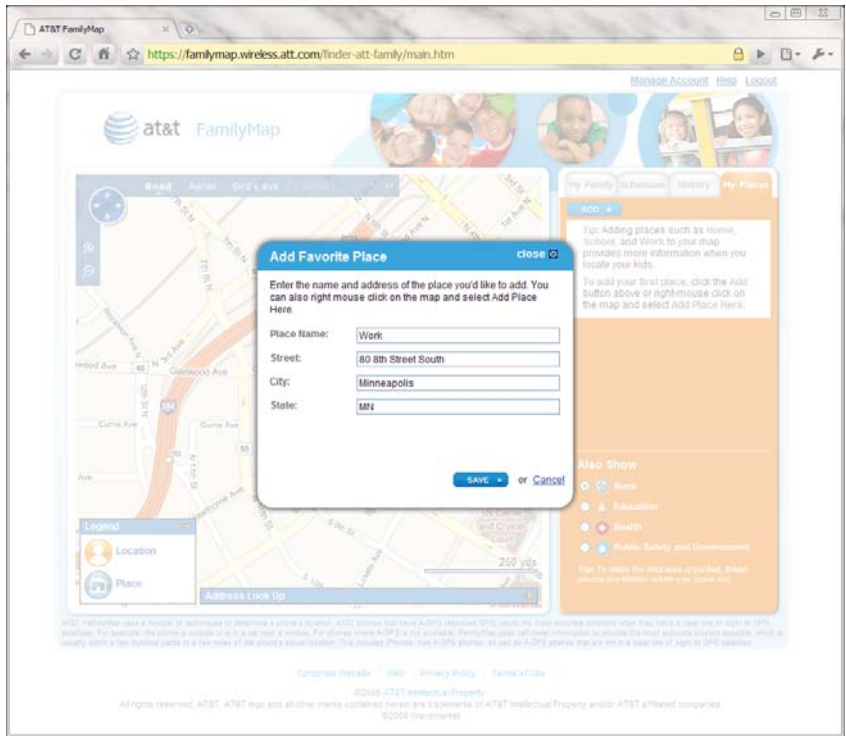
	Claim	Preliminary Exemplary Infringement Support
1.g.1	wherein the one or more notification locations that have been defined are assigned location labels by the authorized user through interaction with the web server,	As in the example above, the authorized user assigns location labels, such as “Work”, “School,” or “Park”, to the notification locations.
1.g.2	wherein the location labels assigned by the authorized user are personal to the authorized user and not used with other users, and	<p>Each of the location labels assigned by the authorized user are personal.</p> <p>As one example, consider the following scenario. The authorized user first defines a location label called “Work”.</p> 

Exhibit 27

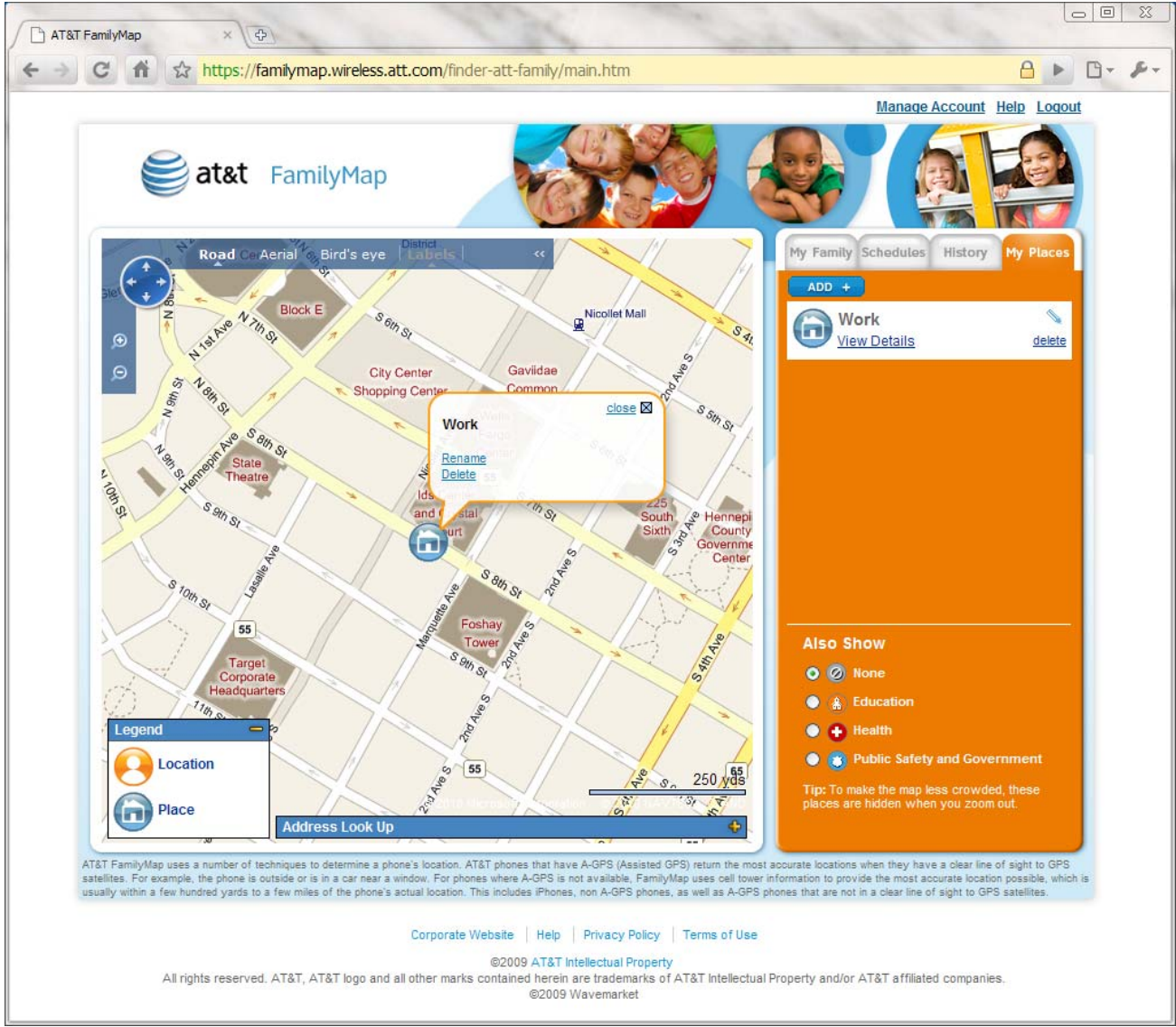
	Claim	Preliminary Exemplary Infringement Support
1.g.2 cont.		<p>Work is then displayed as a “Place”.</p>  <p>AT&T FamilyMap uses a number of techniques to determine a phone's location. AT&T phones that have A-GPS (Assisted GPS) return the most accurate locations when they have a clear line of sight to GPS satellites. For example, the phone is outside or is in a car near a window. For phones where A-GPS is not available, FamilyMap uses cell tower information to provide the most accurate location possible, which is usually within a few hundred yards to a few miles of the phone's actual location. This includes iPhones, non A-GPS phones, as well as A-GPS phones that are not in a clear line of sight to GPS satellites.</p> <p>Corporate Website Help Privacy Policy Terms of Use</p> <p>©2009 AT&T Intellectual Property</p> <p>All rights reserved. AT&T, AT&T logo and all other marks contained herein are trademarks of AT&T Intellectual Property and/or AT&T affiliated companies.</p> <p>©2009 Wavemarket</p>

Exhibit 27

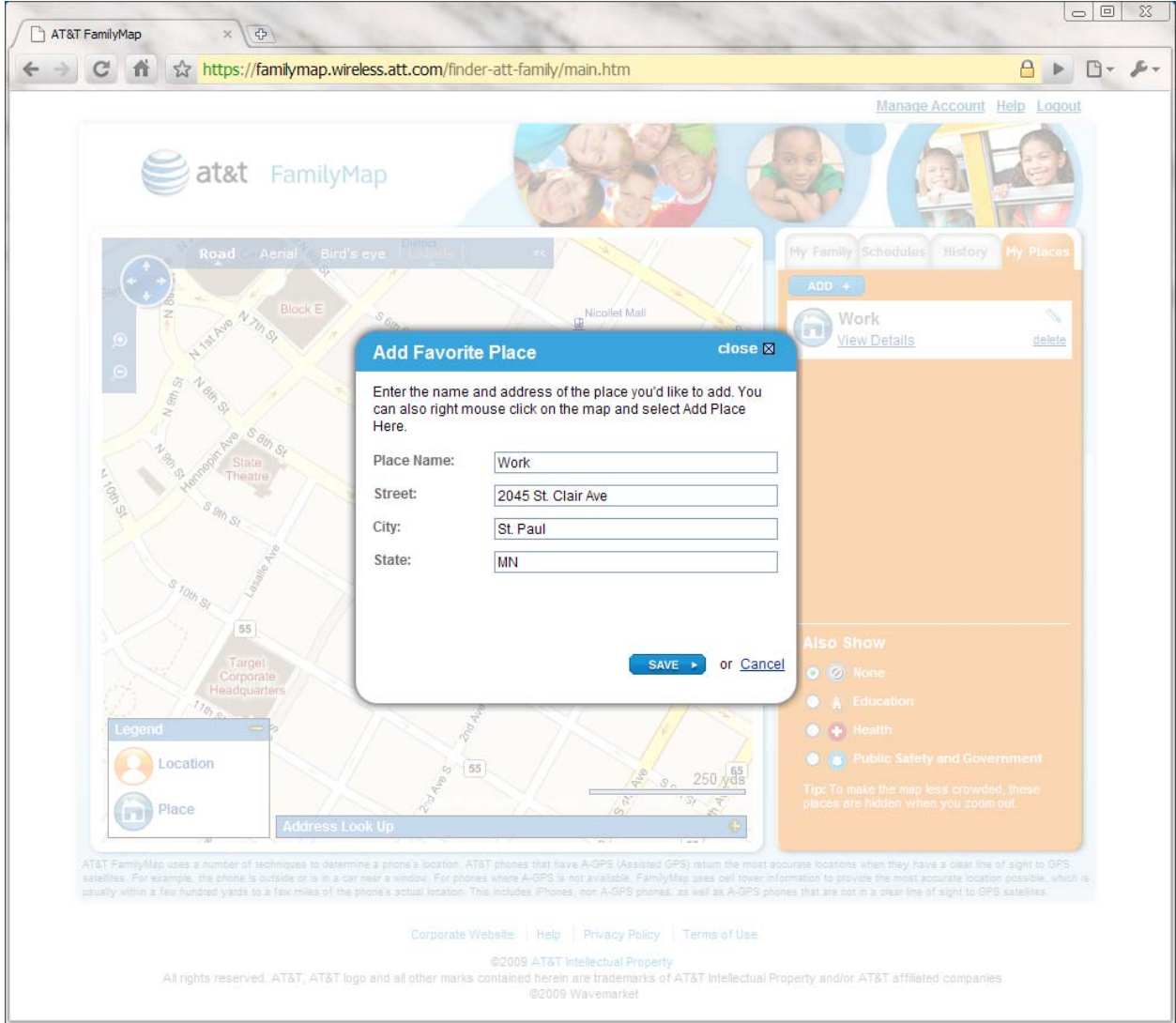
	Claim	Preliminary Exemplary Infringement Support
1.g.2 cont.		<p>Then the authorized user attempts to define a second location with the same label but for a different address.</p>  <p>The screenshot displays the AT&T FamilyMap web application. A modal window titled 'Add Favorite Place' is open, allowing a user to add a new location. The form within the modal includes fields for 'Place Name' (filled with 'Work'), 'Street' (filled with '2045 St. Clair Ave'), 'City' (filled with 'St. Paul'), and 'State' (filled with 'MN'). Below the form are 'SAVE' and 'Cancel' buttons. The background shows a map of St. Paul, Minnesota, with street names like N 1st Ave, N 7th St, N 9th St, and S 6th St. Other landmarks visible on the map include the State Theatre and Target Corporate Headquarters. The website's header features the AT&T logo and navigation links such as 'Manage Account', 'Help', and 'Logout'. A sidebar on the right contains links for 'My Family', 'Schedules', 'History', and 'My Places'. At the bottom, there is a 'Legend' section with icons for 'Location' and 'Place', and an 'Address Look Up' field. A footer section contains copyright information for 2009 AT&T Intellectual Property and Wavemarket.</p>

Exhibit 27

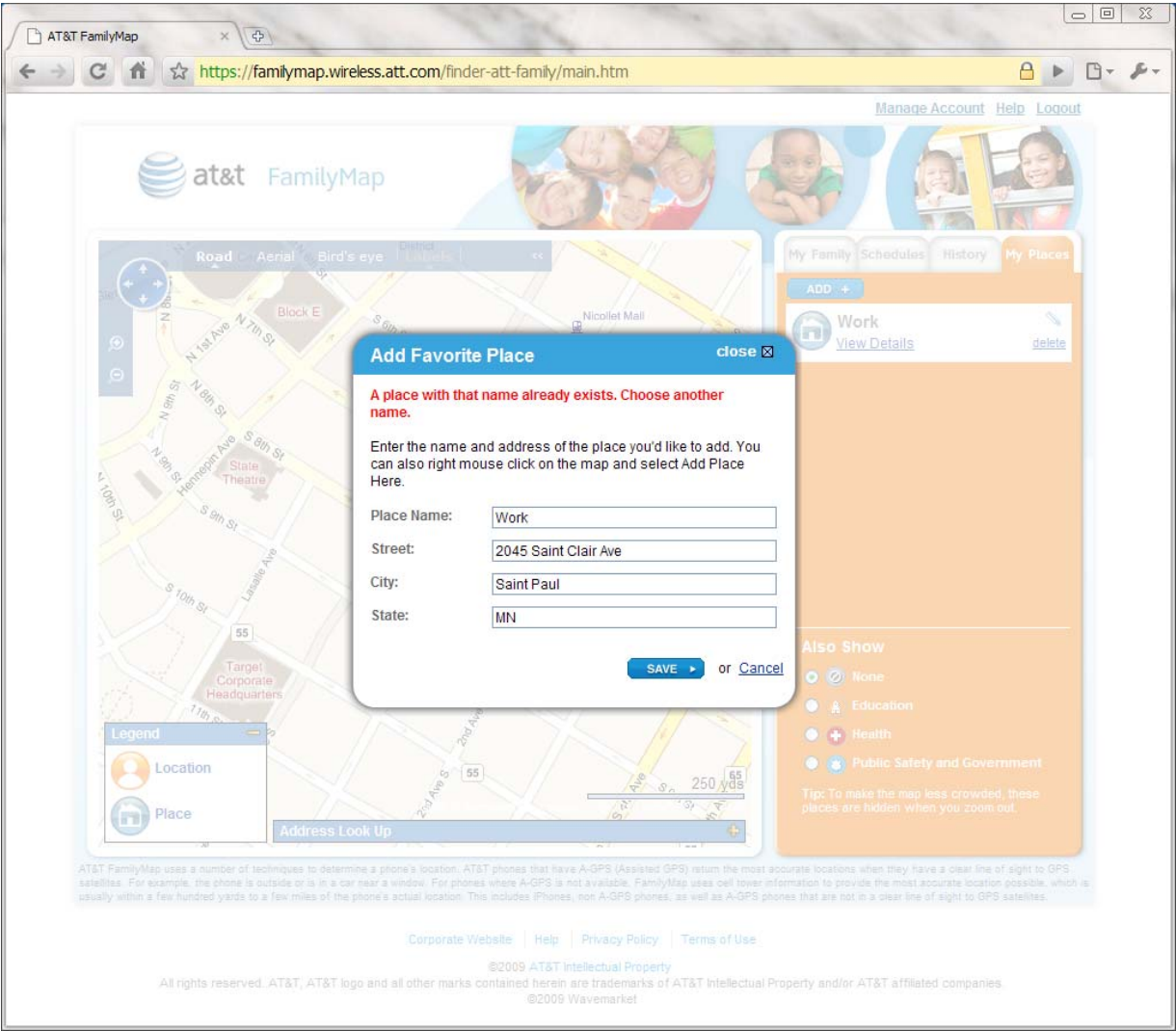
	Claim	Preliminary Exemplary Infringement Support
1.g.2 cont.		<p>The result is an error message.</p>  <p>Thus, an authorized user can not assign the same location label to multiple locations.</p>

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
1.h	wherein said web server determines whether the location of the mobile computing device corresponding to the object is at one of the one or more notification locations, and generates a notification when it is determined that the location of the mobile computing device is at one of the notification locations, and sends the notification to the authorized user.	<p>"Schedule Checks allow you to set a day and time to automatically locate a family member's phone. For example, you can set a Schedule Check for 4:00PM every weekday to make sure your child gets home from school when you expect them. Once you create a Schedule Check, AT&T FamilyMap will locate your family member's phone and send you the location via email or text message." (https://familymap.wireless.att.com/finder-att-family/helpContent.htm?topic=1)</p> <p>FamilyMap "Schedule Checks" allow a server to determine whether to send a notification to an authorized user based on the location of one of the phones.</p>

Exhibit 27

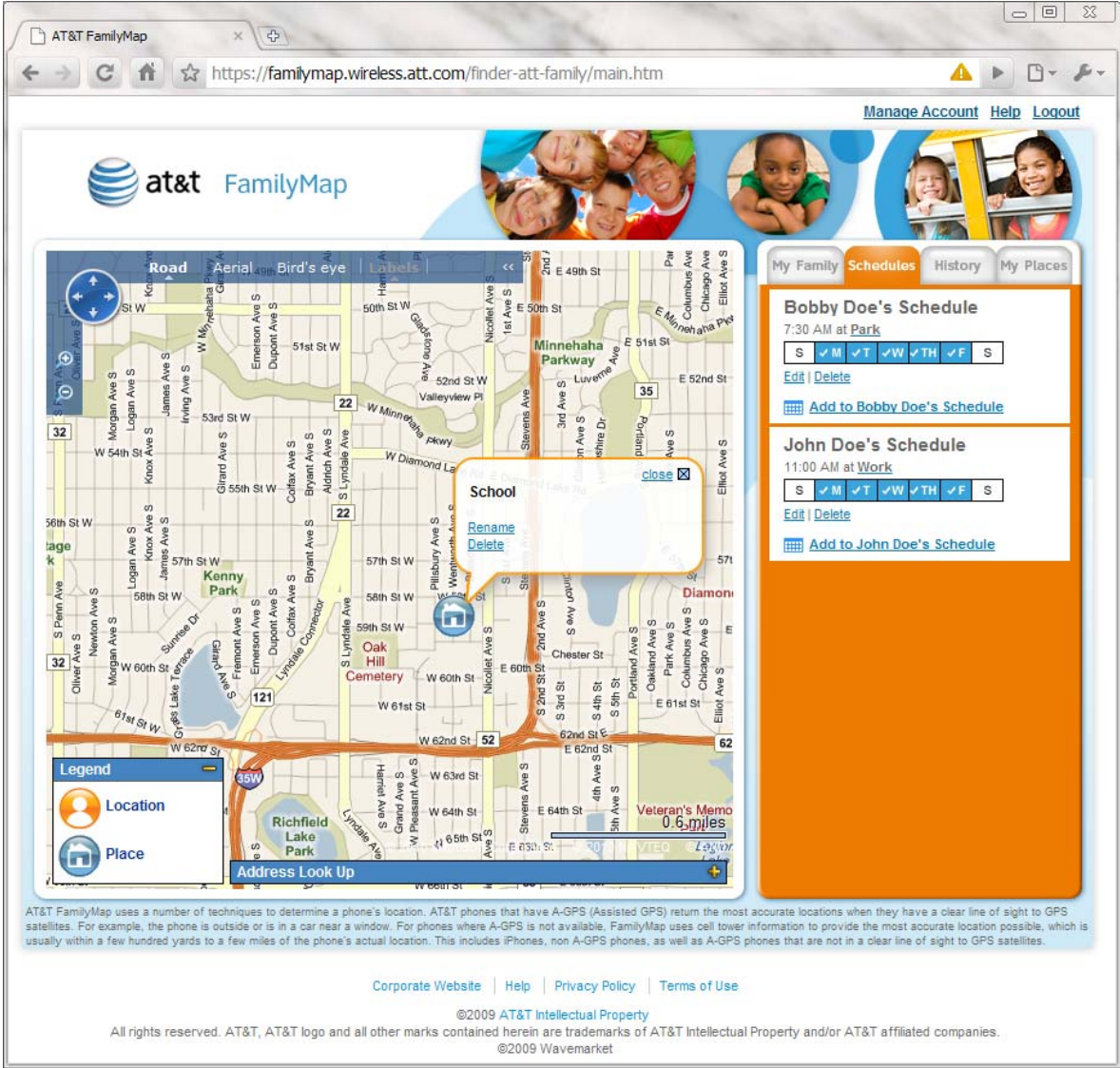
	Claim	Preliminary Exemplary Infringement Support
1.h cont.		<p>As one example, an authorized user can choose to "Add to Bobby Doe's Schedule".</p>  <p>The screenshot shows the AT&T FamilyMap web application. The browser address bar displays 'https://familymap.wireless.att.com/finder-att-family/main.htm'. The page features the AT&T logo and 'FamilyMap' text. A navigation bar includes links for 'Manage Account', 'Help', and 'Logout'. Below this, there are circular profile pictures of family members. The main interface is divided into a map area on the left and a sidebar on the right. The map shows a city street grid with a school icon highlighted. A pop-up menu for the school includes options like 'Rename' and 'Delete'. The sidebar contains sections for 'Bobby Doe's Schedule' and 'John Doe's Schedule', each with a weekly calendar view and an 'Add to [Name]' button. At the bottom, there is a footer with links for 'Corporate Website', 'Help', 'Privacy Policy', and 'Terms of Use', along with copyright information for 2009 AT&T Intellectual Property and Wavemarket.</p>

Exhibit 27

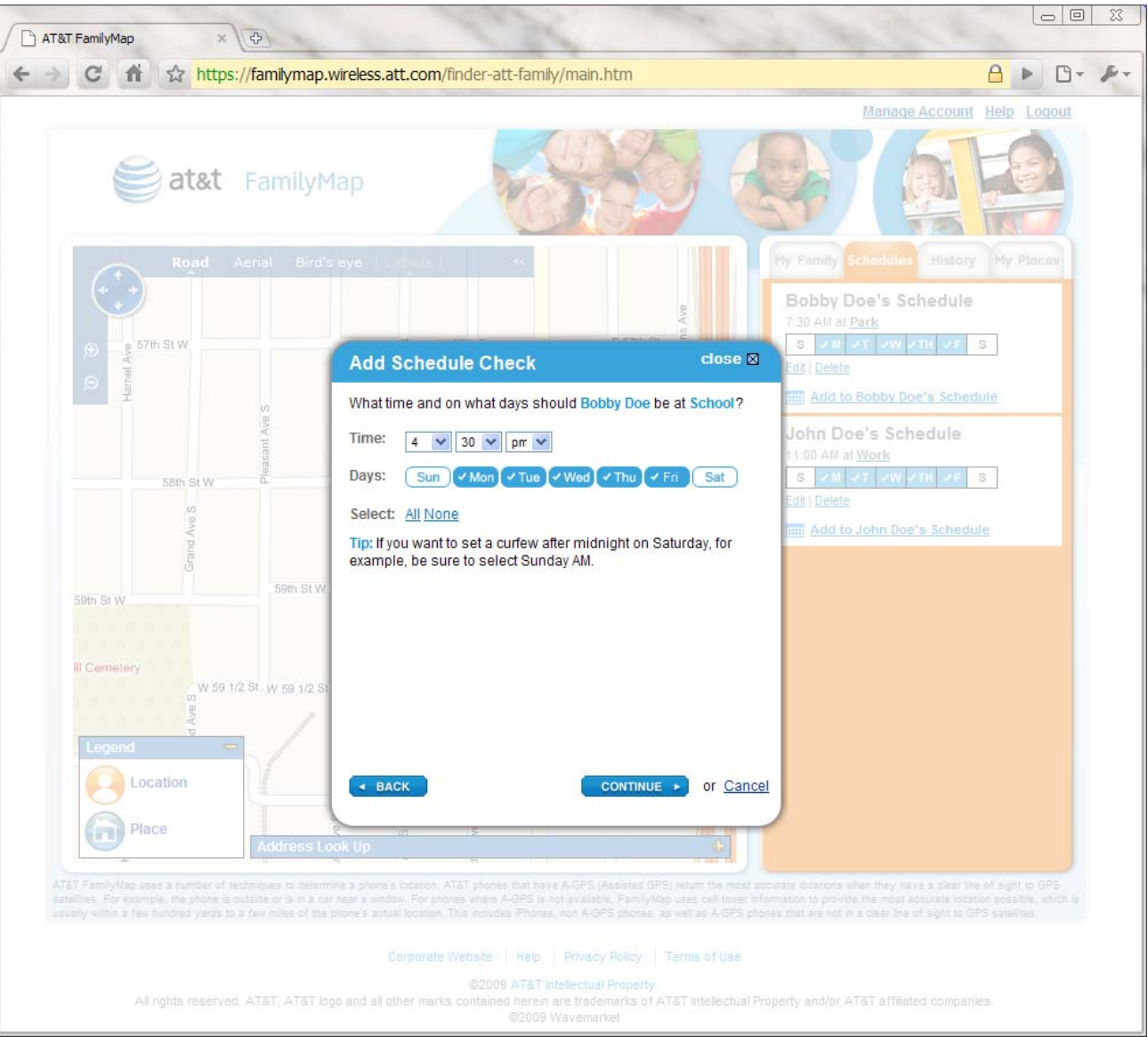
	Claim	Preliminary Exemplary Infringement Support
1.h cont.		<p>Parameters are added to set the dates and times when the phone should be at the notification location.</p>  <p>The screenshot shows the AT&T FamilyMap website interface. A map is displayed with a street grid. Overlaid on the map is a dialog box titled "Add Schedule Check" with a "close" button. The dialog box contains the following text and controls:</p> <ul style="list-style-type: none"> Question: "What time and on what days should Bobby Doe be at School?" Time: 4 : 30 pm (dropdowns for hour, minute, and period) Days: Sun, Mon, Tue, Wed, Thu, Fri, Sat (checkboxes for each day, with Mon-Fri checked) Select: All None Tip: "If you want to set a curfew after midnight on Saturday, for example, be sure to select Sunday AM." Buttons: BACK, CONTINUE, or Cancel <p>In the background, the website shows a sidebar with "My Family", "Schedules", "History", and "My Places". The "Schedules" section lists "Bobby Doe's Schedule" (7:30 AM at Park) and "John Doe's Schedule" (11:00 AM at Work), each with a day selection row and "Edit" and "Delete" links.</p> <p>At the bottom of the page, there is a legend for "Location" (person icon) and "Place" (house icon), an "Address Look Up" field, and a footer with copyright information: "©2009 AT&T Intellectual Property" and "©2009 Wavemarket".</p>

Exhibit 27

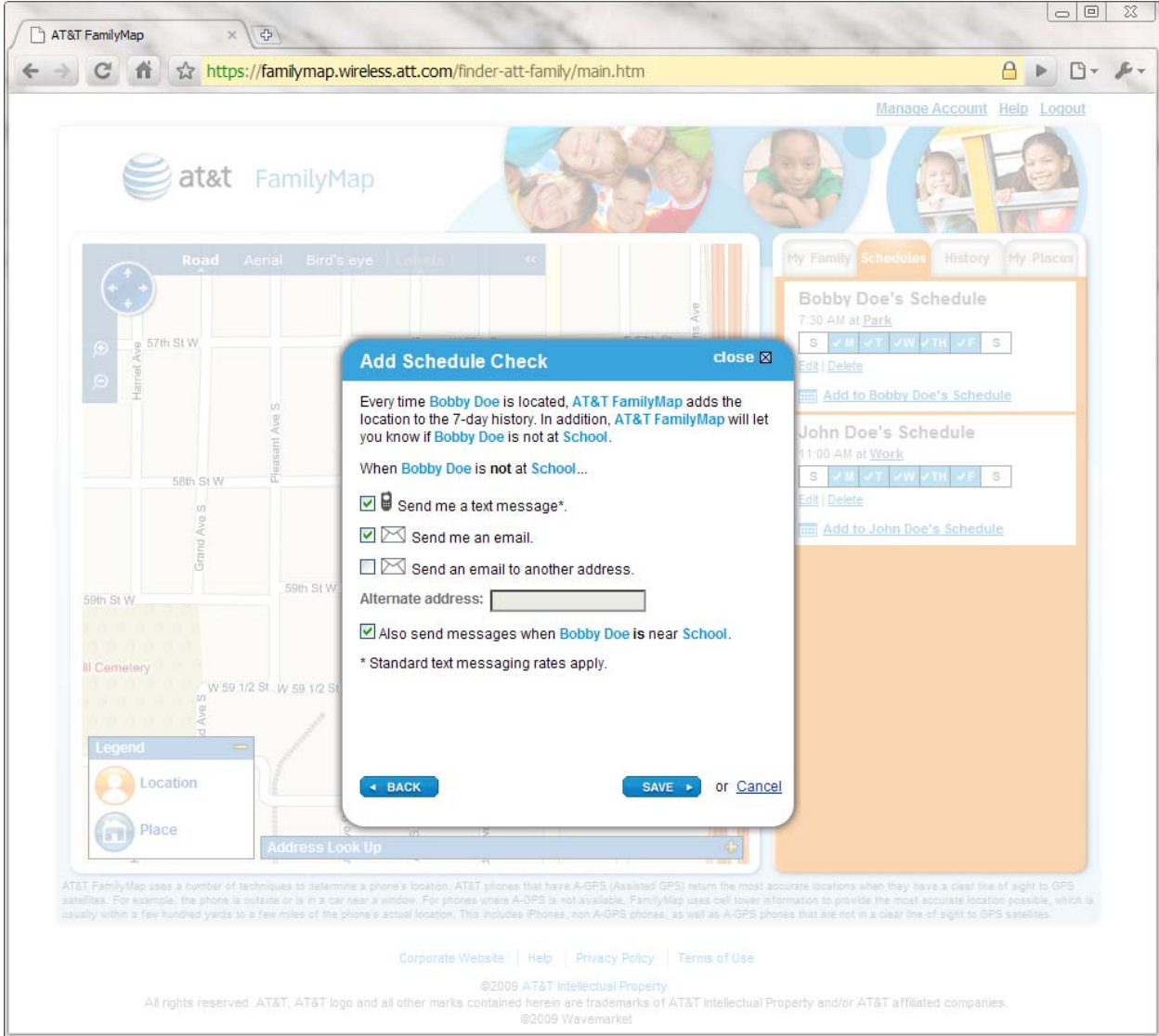
	Claim	Preliminary Exemplary Infringement Support
1.h cont.		<p>The authorized user also selects whether the notification will be sent by text message and/or an email.</p>  <p>The screenshot displays the AT&T FamilyMap web interface. A central map shows a street grid with labels like '57th St W', 'Grand Ave S', and 'Pleasant Ave S'. A 'Legend' box in the bottom left identifies 'Location' (orange circle) and 'Place' (blue house icon). An 'Address Look Up' field is at the bottom. A modal dialog titled 'Add Schedule Check' is open, featuring a 'close' button. The dialog text states: 'Every time Bobby Doe is located, AT&T FamilyMap adds the location to the 7-day history. In addition, AT&T FamilyMap will let you know if Bobby Doe is not at School.' It includes checkboxes for 'Send me a text message*', 'Send me an email', and 'Send an email to another address'. An 'Alternate address' input field is present. A checked option reads 'Also send messages when Bobby Doe is near School.' A footnote states '* Standard text messaging rates apply.' At the bottom of the dialog are 'BACK', 'SAVE', and 'Cancel' buttons. To the right of the dialog, a sidebar shows 'Bobby Doe's Schedule' (7:30 AM at Park) and 'John Doe's Schedule' (11:00 AM at Work), each with a weekly calendar view and 'Add to...' links. The top of the page has navigation links for 'Manage Account', 'Help', and 'Logout'.</p>

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
1.h cont.		<p>The resulting notification is then sent to the authorized user. For example, the following email was received from no-reply@familymap.wireless.att.com by the authorized user, based on a previously configured Schedule Check.</p> <p>"Schedule Check Notification</p> <p>Bobby Doe's phone was at School at 4:28 PM, 06/21/2010.</p> <p>Bobby Doe was located within 786 yds of 5727 S 1st Ave in Minneapolis, MN at 4:28 PM, 06/21/2010. Accuracy may vary depending on handset type and network conditions.</p> <p>Want to locate Bobby Doe's phone again? Go to www.att.com/familymap.</p> <p>You have asked to receive emails at 4:30 PM on Monday, Tuesday, Wednesday, Thursday, and Friday, and be told whether Bobby Doe's phone is at School.</p> <p>To update Bobby Doe's schedule checks or to change how you receive these notifications, go to AT&T FamilyMap and click the Schedules tab." (E-mail from no-reply@familymap.wireless.att.com to guardianloc@gmail.com on June 21, 2010 at 4:28 PM))</p>
2.	A location monitoring system as recited in claim 1, wherein each of said mobile computing devices operates to obtain location information of its location and to forward the location information to said web server.	For FamilyMap to locate a particular phone, as shown in claim 1, the phone operates to determine its location and forward that information to a server.

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
3	A location monitoring system as recited in claim 1, wherein the object is a person, a vehicle or a package, and	The object is a person. "Locate your family members with AT&T FamilyMap! Get peace of mind by being able to conveniently locate a family member's wireless phone on a map from your mobile phone or PC." (https://familymap.wireless.att.com/finder-att-family/howWorks.htm)
3.a	wherein the location of each of said mobile computing devices is reacquired based on an attribute related to the corresponding mobile computing device or related to the surroundings of the corresponding mobile computing device.	Via the Schedule Check procedure outlined above, the location of the device is reacquired based on the surroundings of the device, e.g., whether the device's surroundings correspond with a previously defined notification location.
6.	A method for monitoring position of objects, each object having a mobile computing device provided therewith, the mobile computing devices capable of communicating over a wireless network, said method comprising:	<p>"Locate your family members with AT&T FamilyMap! Get piece of mind by being able to conveniently locate a family member's wireless phone on a map from your mobile phone or PC." (https://familymap.wireless.att.com/finder-att-family/howWorks.htm)</p> <p>"Locate your family members with AT&T FamilyMap! Get peace of mind by being able to conveniently locate a family member's wireless phone on a map from your mobile phone or PC.</p> <p>Want to verify that your child arrives home from school each day? Set up a Schedule Check to automatically get location information sent to you via text message or email.</p> <p>Locate any phone indoors or outdoors on the AT&T network!" (https://familymap.wireless.att.com/finder-att-family/howWorks.htm)</p> <p>Each of these phones is a mobile computing device which communicates over the AT&T wireless</p>

Exhibit 27


	Claim	Preliminary Exemplary Infringement Support
		network.
6.a	receiving a location of an object at a web server through the wireless network, the location being determined using the mobile computing device corresponding to the object; and	<p>FamilyMap includes, but is not limited to, a server found at https://familymap.wireless.att.com/finder-att-family/main.htm.</p>  <p>The screenshot shows the AT&T FamilyMap website interface. At the top, there's a navigation bar with 'Manage Account', 'Help', and 'Logout' links. Below this is a header with the AT&T logo and 'FamilyMap' text, followed by a collage of family photos. The main content area is divided into two sections. On the left is a map of Minneapolis, Minnesota, with various streets and landmarks labeled. On the right is a sidebar titled 'My Family' which lists family members: Bobby Doe (612-669-1294) and John Doe (612-669-1297). Each entry includes a 'LOCATE' button and a 'change photo' link. Below the map, there is a 'Legend' section with icons for 'Location' and 'Place', and an 'Address Look Up' field. At the bottom of the page, there is a disclaimer: 'AT&T FamilyMap uses a number of techniques to determine a phone's location. AT&T phones that have A-GPS (Assisted GPS) return the most accurate locations when they have a clear line of sight to GPS satellites. For example, the phone is outside or is in a car near a window. For phones where A-GPS is not available, FamilyMap uses cell tower information to provide the most accurate location possible, which is usually within a few hundred yards to a few miles of the phone's actual location. This includes iPhones, non A-GPS phones, as well as A-GPS phones that are not in a clear line of sight to GPS satellites.'</p>

Exhibit 27

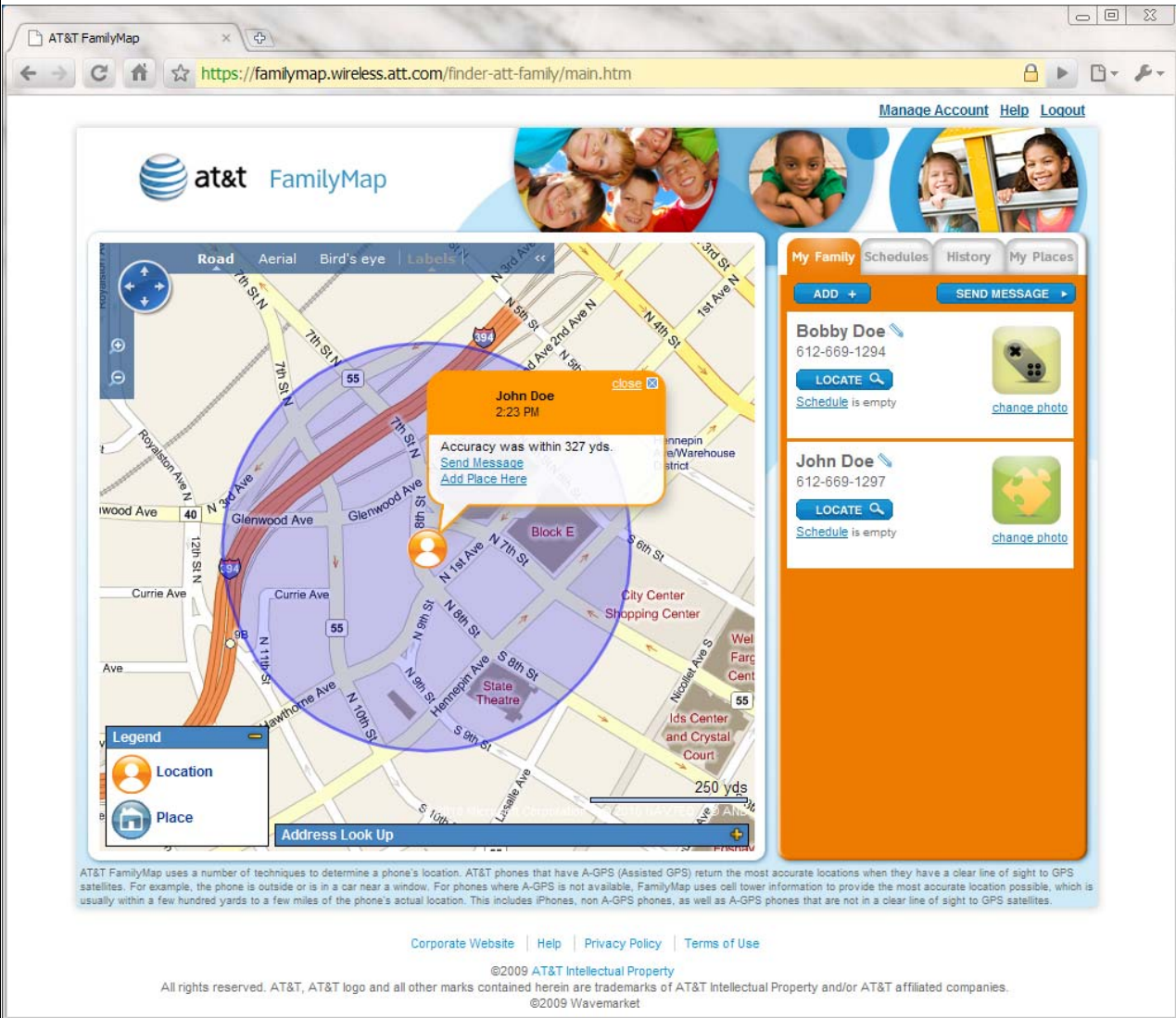
	Claim	Preliminary Exemplary Infringement Support
6.a cont.		<p>A server receives the location of a phone. One example is when the “LOCATE” icon is pressed.</p>  <p>The screenshot shows the AT&T FamilyMap website interface. At the top, there's a navigation bar with 'Manage Account', 'Help', and 'Logout' links. Below this is the 'at&t FamilyMap' logo and a header image of children. The main content area features a map with a location pin for 'John Doe' at 2:23 PM. A pop-up window indicates the accuracy was within 327 yards and provides links to 'Send Message' and 'Add Place Here'. The sidebar on the right lists 'My Family' members: Bobby Doe (612-669-1294) and John Doe (612-669-1297), each with a 'LOCATE' button and a 'change photo' link. The footer contains copyright information for 2009 AT&T Intellectual Property and Wavemarket.</p>

Exhibit 27


	Claim	Preliminary Exemplary Infringement Support
6.b	displaying the location of the object to a monitoring party via accessing the web server through the internet,	<p>The monitoring party can access the location of the phones via the AT&T website at https://familymap.wireless.att.com/finder-att-family/main.htm.</p>  <p>The screenshot shows the AT&T FamilyMap website interface. At the top, there's a navigation bar with 'Manage Account', 'Help', and 'Logout'. Below this is a header with the AT&T logo and 'FamilyMap'. The main content area is divided into two sections. On the left is a map of Minneapolis, Minnesota, with various streets and landmarks labeled. On the right is a sidebar titled 'My Family' which lists family members: Bobby Doe (612-669-1294) and John Doe (612-669-1297). Each entry has a 'LOCATE' button and a 'change photo' link. The map shows a red location pin in the Warehouse District area. The sidebar also includes tabs for 'Schedules', 'History', and 'My Places'.</p>

Exhibit 27


	Claim	Preliminary Exemplary Infringement Support
6.b cont.		<p>As one example, the monitoring party can click on the "Locate" icon shown above to find the location of any of the phones. In response, a server provides the monitoring party with the location, as shown below.</p>  <p>The screenshot displays the AT&T FamilyMap web application. The browser address bar shows the URL https://familymap.wireless.att.com/finder-att-family/main.htm. The page features the AT&T FamilyMap logo and navigation links for 'Manage Account', 'Help', and 'Logout'. A map of an urban area is shown with a location pin for 'John Doe' at 2:23 PM. A pop-up window indicates the accuracy was within 327 yards and provides links for 'Send Message' and 'Add Place Here'. The map includes a legend for 'Location' and 'Place', and an 'Address Look Up' field. On the right sidebar, there are tabs for 'My Family', 'Schedules', 'History', and 'My Places'. Below these are buttons for 'ADD +', 'SEND MESSAGE', and 'LOCATE' for two users: Bobby Doe (612-669-1294) and John Doe (612-669-1297). Both users have a 'Schedule is empty' status and a 'change photo' link. The footer contains copyright information for 2009 AT&T Intellectual Property and Wavemarket.</p>

Exhibit 27

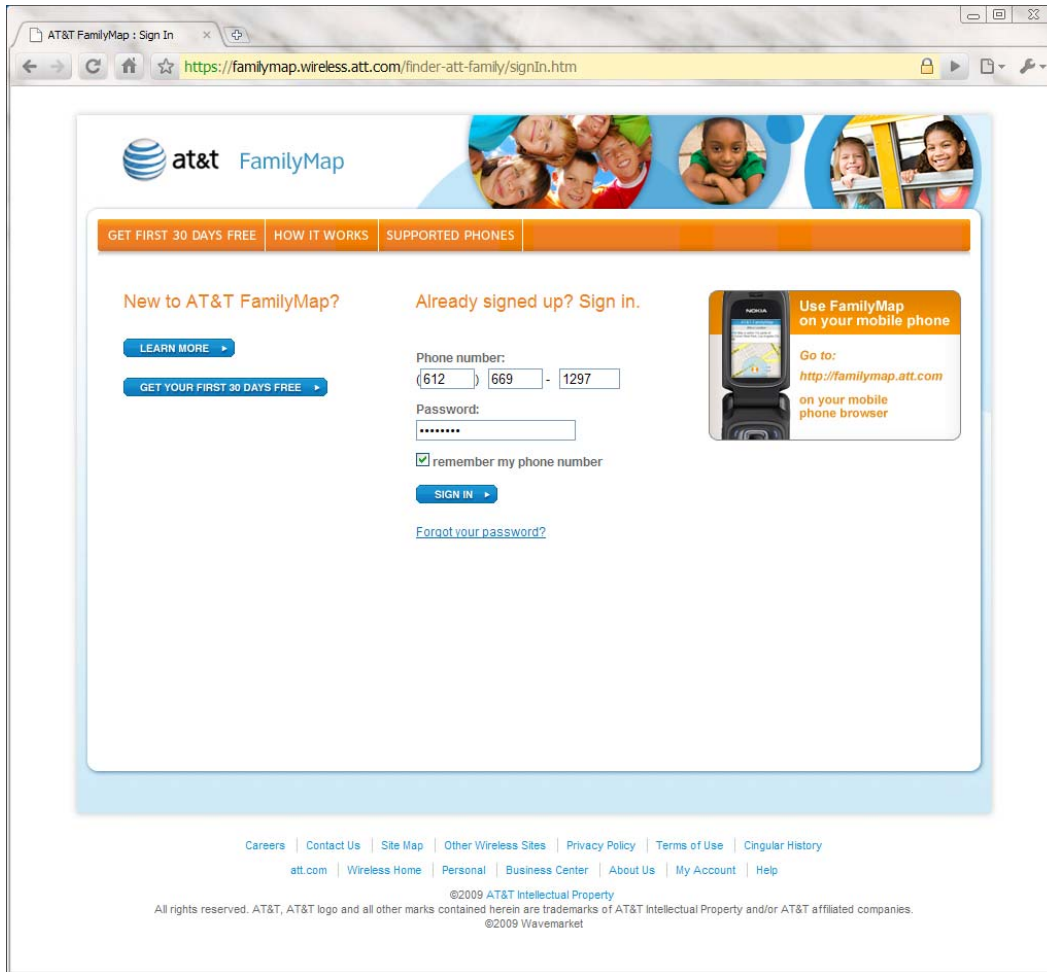
	Claim	Preliminary Exemplary Infringement Support
6.c	wherein the monitoring party does not have to be proximate to the object,	The monitoring party does not have to be near the people or phones they are trying to locate. Instead, "[l]ocate your family members with AT&T FamilyMap! Get peace of mind being able to conveniently locate a family member's wireless phone on a map from your mobile phone or PC." (https://familymap.wireless.att.com/finder-att-family/howWorks.htm)
6.d	wherein before the location is displayed to the monitoring party, the monitoring party has to be authorized,	The monitoring party is authorized by logging into FamilyMap. 

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
6.e	wherein, for privacy reasons, access to locations of each of the mobile computing devices is controlled by the owner or user of the corresponding mobile computing device,	<p>"Because AT&T values your privacy and knows that the visibility of your mobile phone's location is information you should control, we created tools that give the Account Holder of your AT&T wireless account the ability to manage the privacy preferences of phones on your account. These tools let the Account Holder choose whether your phones are allowed to be tracked by others ... Furthermore, when someone on your account has signed up for the AT&T FamilyMap and identified one or more phones on the same account to be located, the Account Holder will receive notification communicating that this has occurred and will be provided information about these tools." (https://familymap.wireless.att.com/finder-att-family/helpContent.htm?topic=3)</p> <p>"For your protection, we want you to be aware that some applications that you enable may involve the location of your phone being shared. For applications available through AT&T, we offer privacy controls that let you decide how an application may use the location of your phone and other phones on your account." (<i>Solstice User Guide</i>, pages: iii)</p> <p>"Location Services can be turned on or off at Settings > General > Location Services." (http://support.apple.com/kb/HT1975)</p> <p>"AT&T FamilyMap uses several different techniques to locate a phone. However, given all of these techniques, geographic conditions and phone limitations can still result in inaccurate locations. Common poor geographic conditions and phone limitations include:</p> <ul style="list-style-type: none"> • The phone that you are trying to locate is deep inside a building or car. • The phone is surrounded by tall buildings, hills, or trees. • The phone is powered off. • The phone's battery has run out. • The phone is not in AT&T network coverage. • Service on the particular line/number has been terminated or suspended.

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
		By design, certain phones are more limited in providing accurate locations. For specific information on how to create optimal conditions, you should consult the phone's user manual." (https://familymap.wireless.att.com/finder-att-family/helpContent.htm?topic=5)
6.f	wherein the web server determines whether a notification is to be sent to an authorized party based on the location of the mobile computing device corresponding to the object,	"Schedule Checks allow you to set a day and time to automatically locate a family member's phone. For example, you can set a Schedule Check for 4:00PM every weekday to make sure your child gets home from school when you expect them. Once you create a Schedule Check, AT&T FamilyMap will locate your family member's phone and send you the location via email or text message." (https://familymap.wireless.att.com/finder-att-family/helpContent.htm?topic=1) FamilyMap "Schedule Checks" allow a server to determine whether to send a notification to an authorized party based on the location of one of the phones.

Exhibit 27

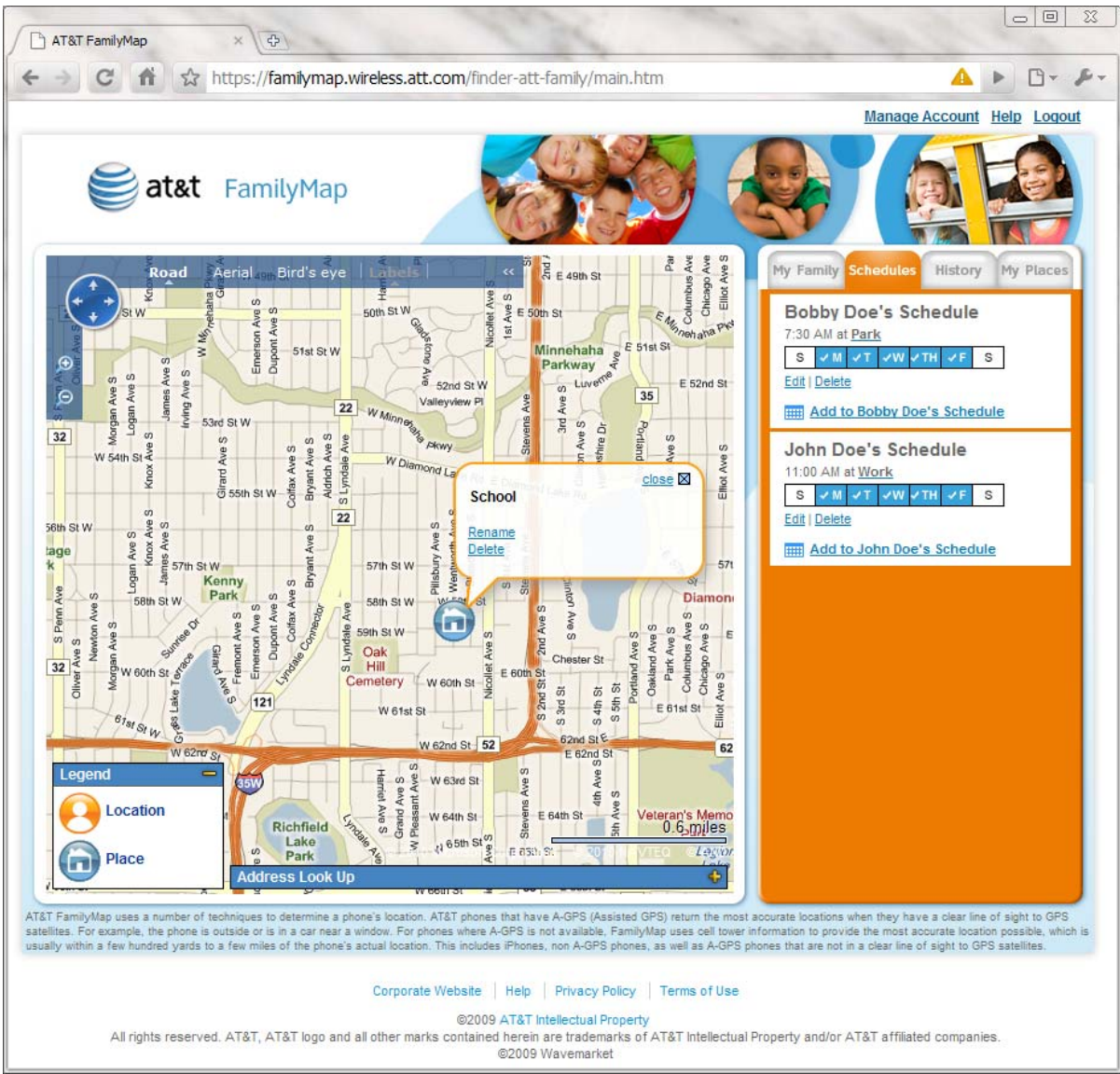
	Claim	Preliminary Exemplary Infringement Support
6.f cont.		<p>As one example, an authorized party can choose to "Add to Bobby Doe's Schedule".</p>  <p>The screenshot shows the AT&T FamilyMap website interface. At the top, there's a navigation bar with "Manage Account", "Help", and "Logout" links. Below the AT&T logo, there's a map of Chicago with a "School" location marked. A sidebar on the right displays two schedules: "Bobby Doe's Schedule" (7:30 AM at Park) and "John Doe's Schedule" (11:00 AM at Work). Each schedule has a weekly view (S, M, Tu, W, Th, F, S) and buttons for "Edit", "Delete", and "Add to [Name]'s Schedule". The bottom of the page contains copyright information for 2009 AT&T Intellectual Property and 2009 Wavemarket.</p>

Exhibit 27

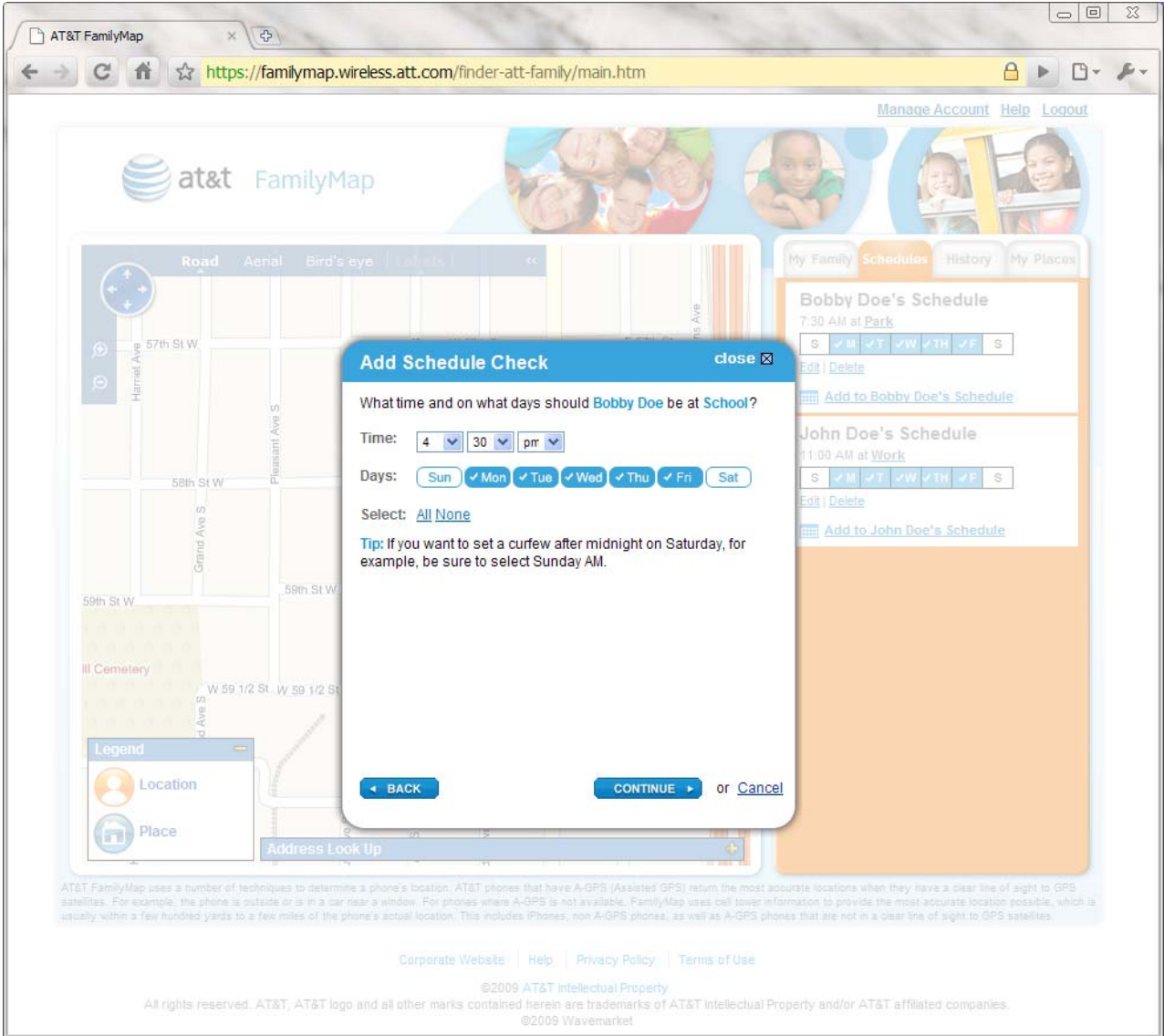
	Claim	Preliminary Exemplary Infringement Support
6.f cont.		<p>Parameters are added to set the dates and times when the phone should be at the notification location.</p>  <p>The screenshot shows the AT&T FamilyMap website interface. A map is displayed on the left, showing a street grid with labels like '57th St W', 'Hammel Ave', '58th St W', 'Grand Ave S', '59th St W', and 'W 59 1/2 St'. A legend at the bottom left identifies 'Location' (orange circle) and 'Place' (blue house icon). An 'Address Look Up' field is at the bottom. A modal dialog box titled 'Add Schedule Check' is overlaid on the map. It asks: 'What time and on what days should Bobby Doe be at School?'. The 'Time' is set to 4:30 pm. The 'Days' are selected as Mon, Tue, Wed, Thu, and Fri. The 'Select' dropdown is set to 'All None'. A tip at the bottom of the dialog says: 'Tip: If you want to set a curfew after midnight on Saturday, for example, be sure to select Sunday AM.' Buttons for 'BACK', 'CONTINUE', and 'Cancel' are at the bottom of the dialog. On the right side of the website, there are sections for 'Bobby Doe's Schedule' and 'John Doe's Schedule', each showing a time and location (e.g., '7:30 AM at Park' and '11:00 AM at Work') and a weekly schedule grid with checkboxes for each day of the week.</p>

Exhibit 27

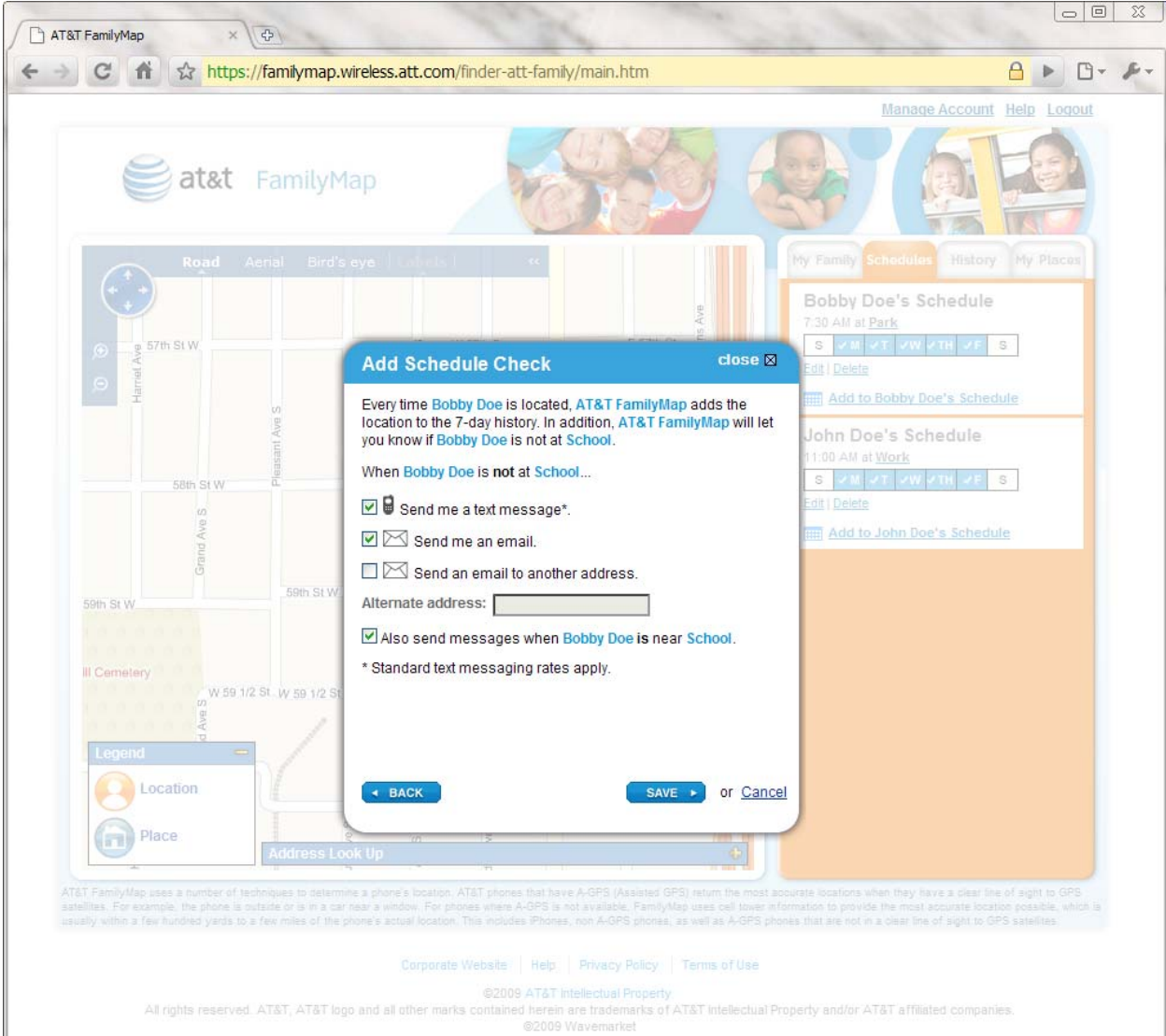
	Claim	Preliminary Exemplary Infringement Support
6.f cont.		<p>The authorized party also selects whether the notification will be sent by text message and/or an email.</p>  <p>The screenshot displays the AT&T FamilyMap interface. A map of a city street grid is visible in the background. Overlaid on the map is a dialog box titled "Add Schedule Check". The dialog box contains the following text:</p> <p>Every time Bobby Doe is located, AT&T FamilyMap adds the location to the 7-day history. In addition, AT&T FamilyMap will let you know if Bobby Doe is not at School.</p> <p>When Bobby Doe is not at School...</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Send me a text message*. <input checked="" type="checkbox"/> Send me an email. <input type="checkbox"/> Send an email to another address. <p>Alternate address: <input type="text"/></p> <input checked="" type="checkbox"/> Also send messages when Bobby Doe is near School. <p>* Standard text messaging rates apply.</p> <p>At the bottom of the dialog box are buttons for "BACK", "SAVE", and "or Cancel".</p> <p>The background interface shows a map with street names like 57th St W, 58th St W, 59th St W, Grand Ave S, and Pleasant Ave S. There is a sidebar on the right with tabs for "My Family", "Schedules", "History", and "My Places". Under "Schedules", there are sections for "Bobby Doe's Schedule" and "John Doe's Schedule", each with a 7-day calendar view and a link to "Add to [Name]'s Schedule".</p> <p>At the bottom of the page, there is a footer with the following text:</p> <p>AT&T FamilyMap uses a number of techniques to determine a phone's location. AT&T phones that have A-GPS (Assisted GPS) return the most accurate locations when they have a clear line of sight to GPS satellites. For example, the phone is outside or is in a car near a window. For phones where A-GPS is not available, FamilyMap uses cell tower information to provide the most accurate location possible, which is usually within a few hundred yards to a few miles of the phone's actual location. This includes iPhones, non A-GPS phones, as well as A-GPS phones that are not in a clear line of sight to GPS satellites.</p> <p>Corporate Website Help Privacy Policy Terms of Use</p> <p>©2009 AT&T Intellectual Property</p> <p>All rights reserved. AT&T, AT&T logo and all other marks contained herein are trademarks of AT&T Intellectual Property and/or AT&T affiliated companies.</p> <p>©2009 Wavemarket</p>

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
6.g	wherein said web server sends a notification to the authorized party when it has been determined that a notification is to be sent to the authorized party,	<p>The Schedule Check procedure above outlines the procedure by which a server determines if a notification is to be sent to the authorized party.</p> <p>That notification is then sent. For example, the following email was received from no-reply@familymap.wireless.att.com by the authorized party, based on a previously configured Schedule Check.</p> <p>"Schedule Check Notification</p> <p>Bobby Doe's phone was at School at 4:28 PM, 06/21/2010.</p> <p>Bobby Doe was located within 786 yds of 5727 S 1st Ave in Minneapolis, MN at 4:28 PM, 06/21/2010. Accuracy may vary depending on handset type and network conditions.</p> <p>Want to locate Bobby Doe's phone again? Go to www.att.com/familymap.</p> <p>You have asked to receive emails at 4:30 PM on Monday, Tuesday, Wednesday, Thursday, and Friday, and be told whether Bobby Doe's phone is at School.</p> <p>To update Bobby Doe's schedule checks or to change how you receive these notifications, go to AT&T FamilyMap and click the Schedules tab." (E-mail from no-reply@familymap.wireless.att.com to guardianloc@gmail.com on June 21, 2010 at 4:28 PM))</p>

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
6.h	wherein one or more notification locations are defined by the monitoring party through interaction with the web server, and wherein the one or more notification locations that have been defined are assigned location labels by the monitoring party through interaction with the web server, and	<p>As in the example above, the monitoring party assigns location labels, such as “Work”, “School”, or “Park”, to the notification locations.</p> <p>The monitoring party defines notification locations by interaction with a server.</p>

Exhibit 27

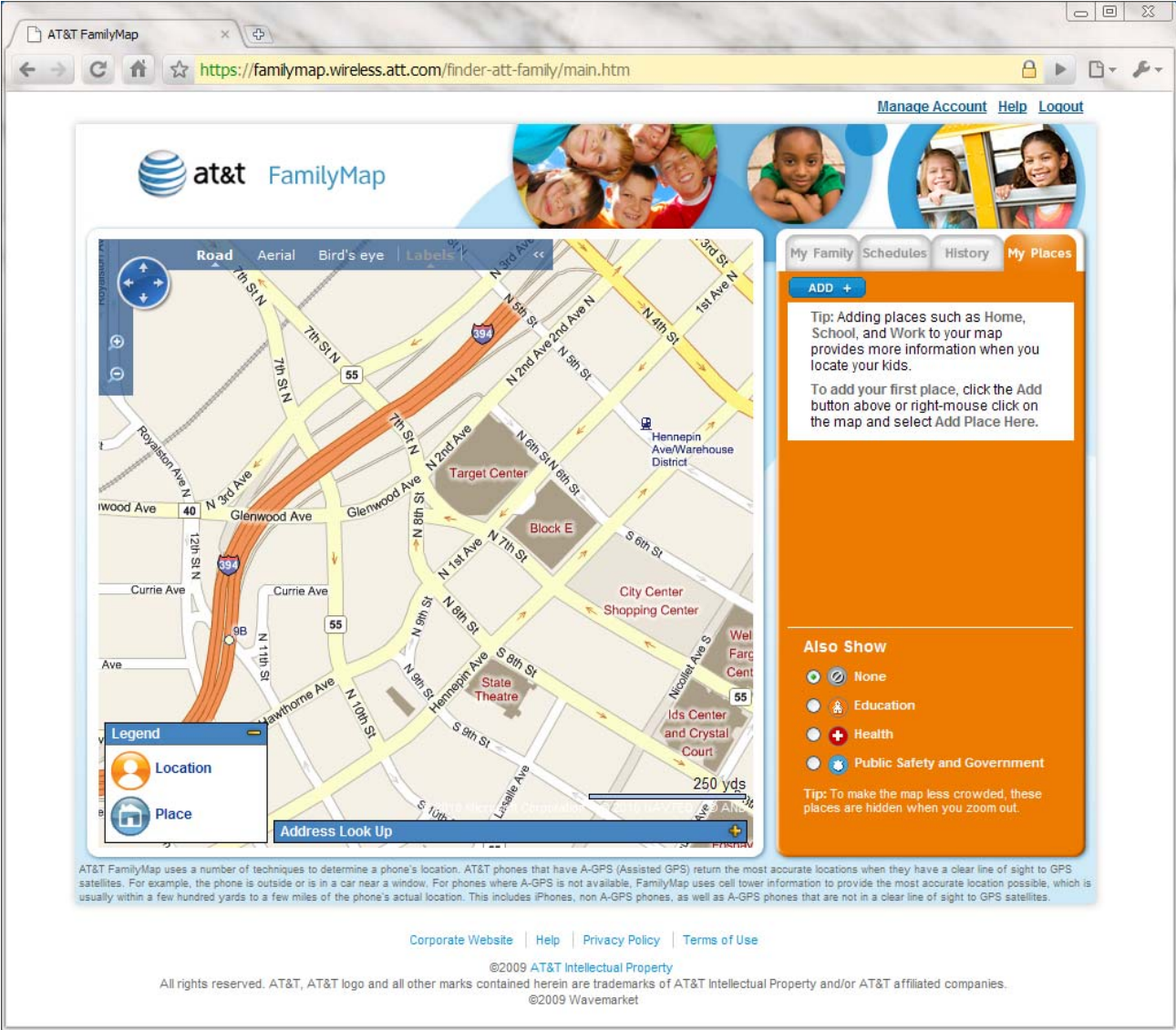
	Claim	Preliminary Exemplary Infringement Support
6.h cont.		<p>For example, the monitoring party can use "My Places" to add notification locations.</p>  <p>The screenshot shows the AT&T FamilyMap website. The browser address bar displays https://familymap.wireless.att.com/finder-att-family/main.htm. The page features the AT&T FamilyMap logo and a navigation bar with links for 'Manage Account', 'Help', and 'Logout'. Below the navigation bar, there are three circular profile pictures of children. The main content area displays a map of Minneapolis, MN, with various streets and landmarks labeled. A sidebar on the right contains a 'My Places' section with an 'ADD +' button and a tip: 'Tip: Adding places such as Home, School, and Work to your map provides more information when you locate your kids. To add your first place, click the Add button above or right-mouse click on the map and select Add Place Here.' Below this is an 'Also Show' section with radio buttons for 'None', 'Education', 'Health', and 'Public Safety and Government'. At the bottom of the page, there is a 'Corporate Website Help Privacy Policy Terms of Use' link, a copyright notice for 2009 AT&T Intellectual Property, and a disclaimer: 'All rights reserved. AT&T, AT&T logo and all other marks contained herein are trademarks of AT&T Intellectual Property and/or AT&T affiliated companies. ©2009 Wavemarket'.</p>

Exhibit 27

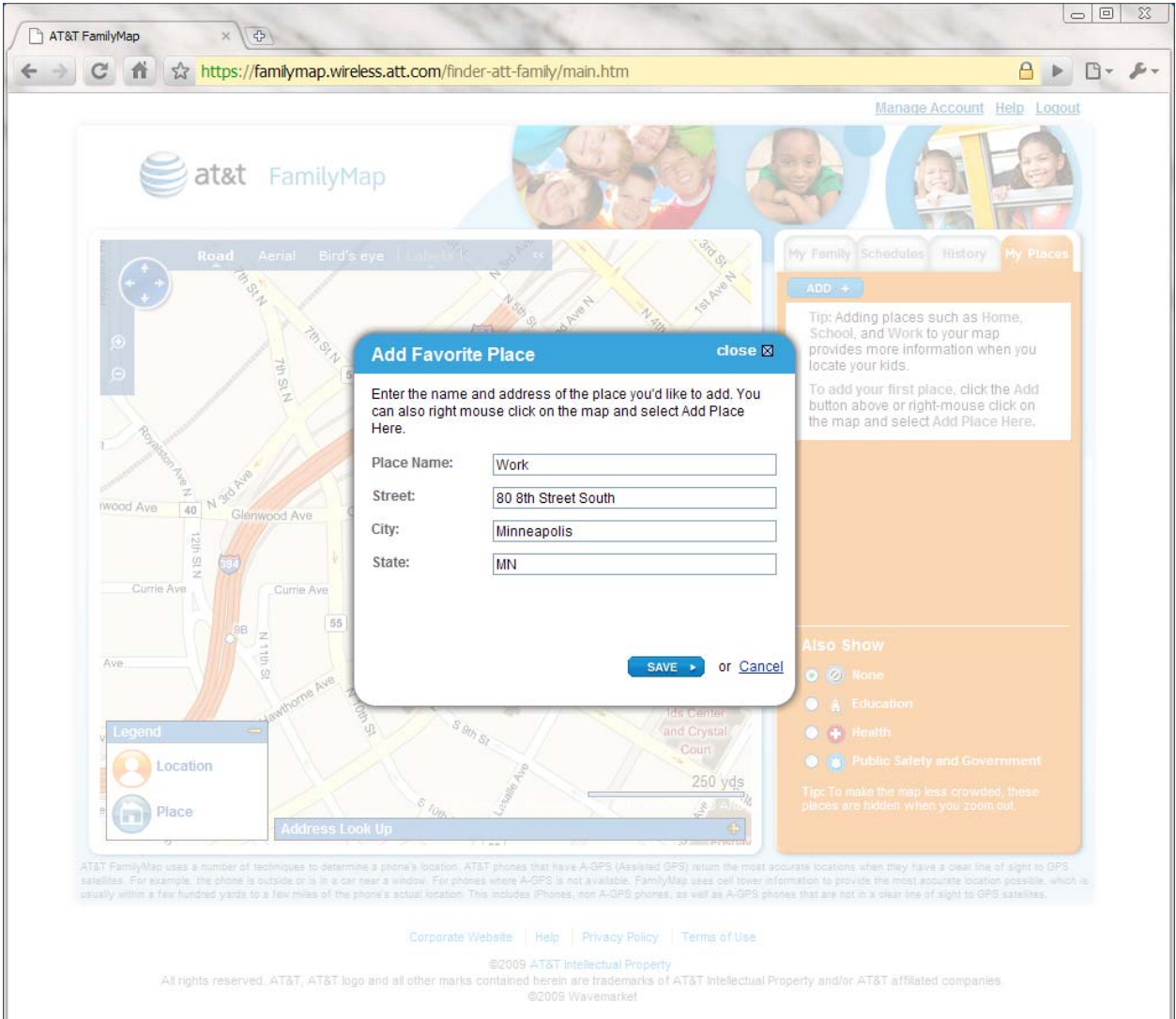
	Claim	Preliminary Exemplary Infringement Support
6.h cont.		<p>By clicking "Add +", the monitoring party can choose the name and address of the location.</p>  <p>The screenshot displays the AT&T FamilyMap web application. A modal dialog titled "Add Favorite Place" is open, allowing a user to add a new location to their family's map. The dialog contains the following text and fields:</p> <ul style="list-style-type: none"> Title: Add Favorite Place Instructions: Enter the name and address of the place you'd like to add. You can also right mouse click on the map and select Add Place Here. Form Fields: <ul style="list-style-type: none"> Place Name: Work Street: 80 8th Street South City: Minneapolis State: MN Buttons: SAVE or Cancel <p>The background of the screenshot shows a map of Minneapolis, Minnesota, with various streets and landmarks visible. The map interface includes a legend, a "My Family" section, and a "My Places" section. The "My Places" section has an "ADD +" button and a tip about adding places like Home, School, and Work. The "My Places" section also lists categories like Education, Health, and Public Safety and Government.</p>

Exhibit 27

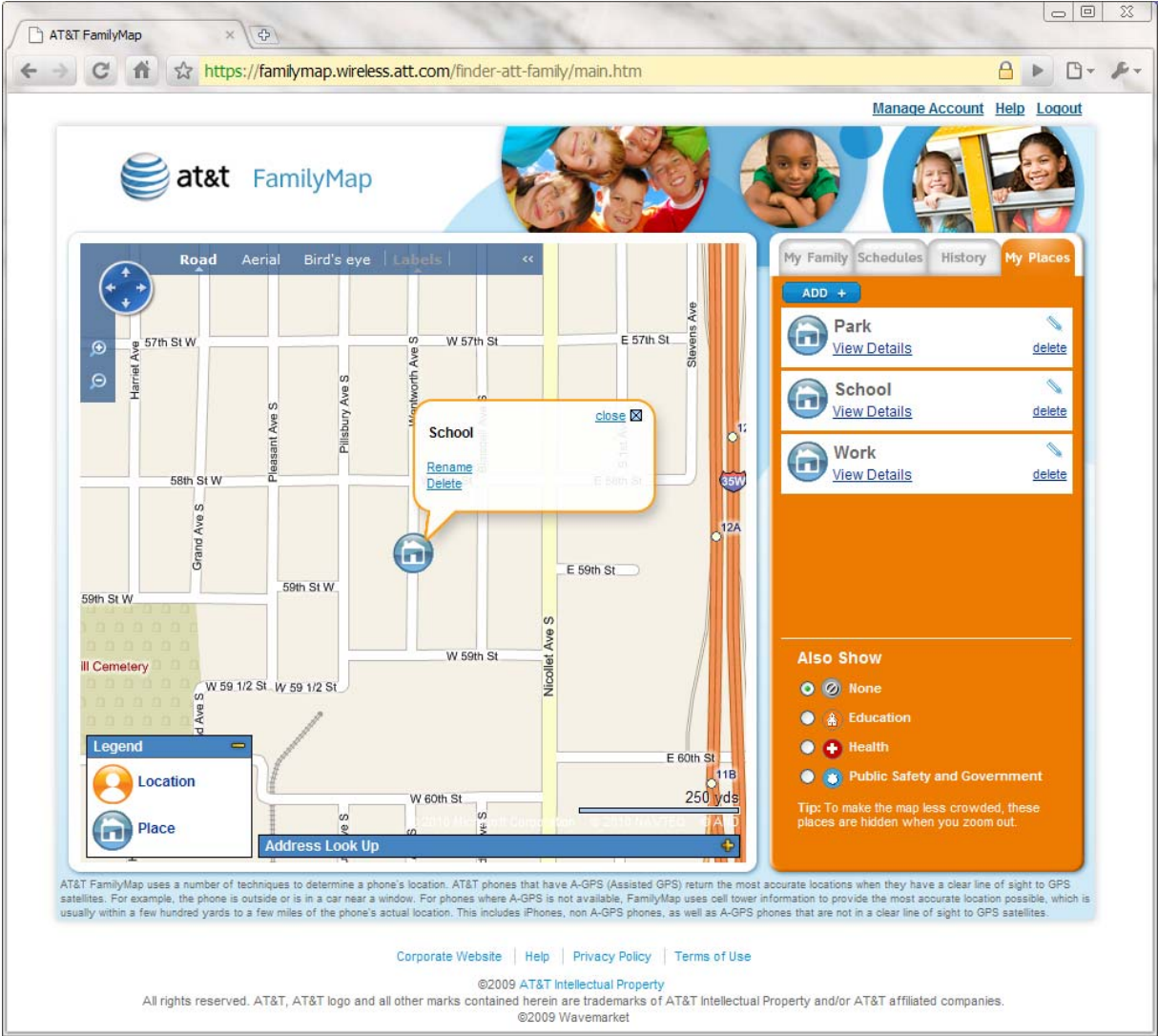
	Claim	Preliminary Exemplary Infringement Support
6.h cont.		<p>The monitoring party can set up multiple locations. For example, the monitoring party can have notification locations for the park, school and work.</p>  <p>The screenshot shows the AT&T FamilyMap web application. The browser address bar displays https://familymap.wireless.att.com/finder-att-family/main.htm. The page features the AT&T logo and 'FamilyMap' text. A map is displayed with a street grid. A location is marked with a blue icon and a pop-up window labeled 'School' with options to 'Rename', 'Delete', and 'close'. On the right, a sidebar titled 'My Places' lists 'Park', 'School', and 'Work', each with 'View Details' and 'delete' links. Below this, an 'Also Show' section includes filters for 'None', 'Education', 'Health', and 'Public Safety and Government'. A tip at the bottom states: 'Tip: To make the map less crowded, these places are hidden when you zoom out.' The footer contains copyright information: '©2009 AT&T Intellectual Property' and '©2009 Wavemarket'.</p>

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
6.i	wherein said method comprises:	
6.i.1	determining whether the location of the mobile computing device corresponding to the object is at one of the one or more notification locations;	<p>"Schedule Checks allow you to set a day and time to automatically locate a family member's phone. For example, you can set a Schedule Check for 4:00PM every weekday to make sure your child gets home from school when you expect them. Once you create a Schedule Check, AT&T FamilyMap will locate your family member's phone and send you the location via email or text message." <i>(https://familymap.wireless.att.com/finder-att-family/helpContent.htm?topic=1)</i></p> <p>FamilyMap "Schedule Checks" allow a server to determine whether one of the phones is at one of the notification locations.</p>

Exhibit 27

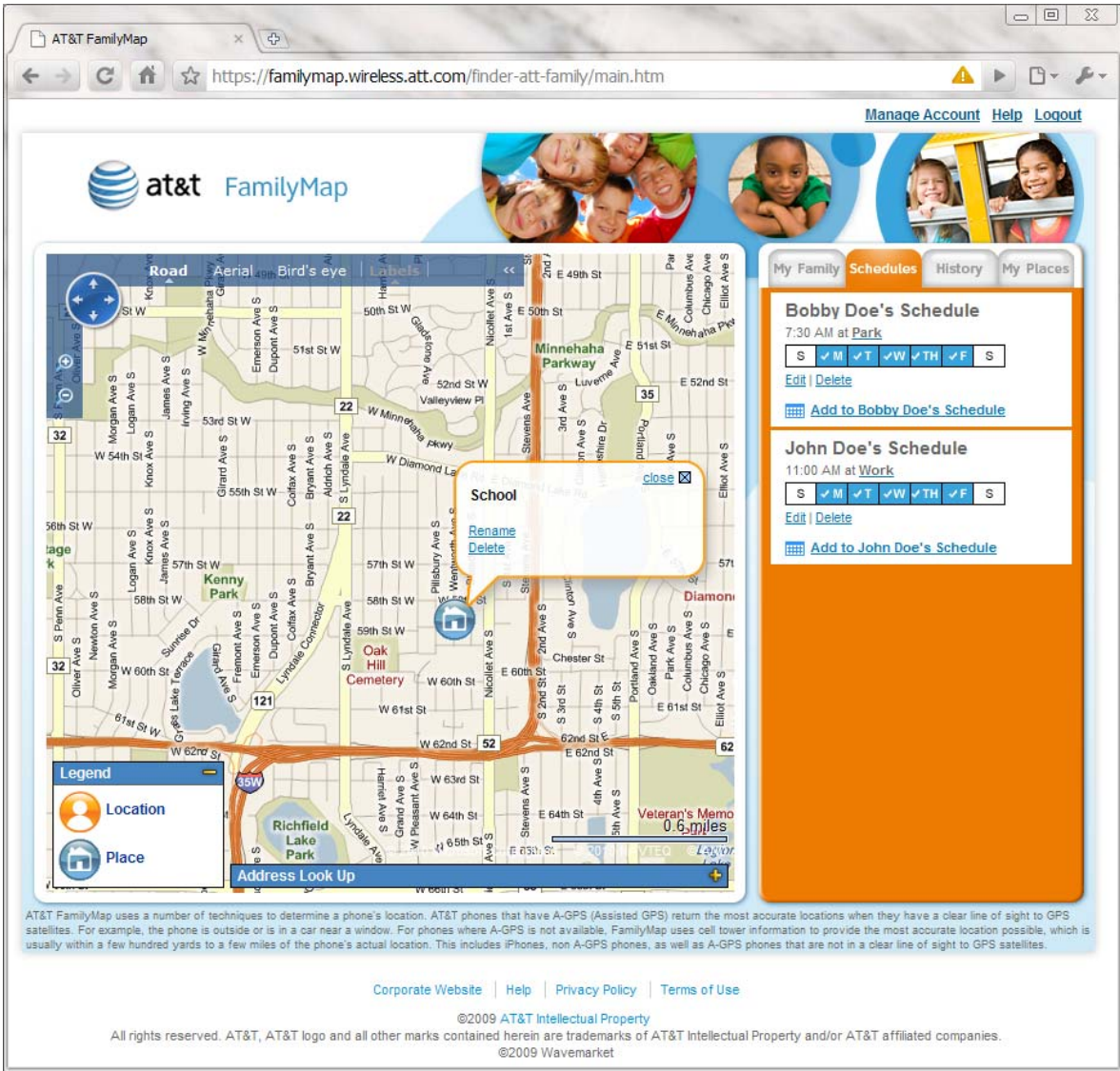
	Claim	Preliminary Exemplary Infringement Support
6.i.1 cont.		<p>As one example, a monitoring party can choose to "Add to Bobby Doe's Schedule".</p>  <p>The screenshot shows the AT&T FamilyMap interface. The main map displays a city grid with a blue location pin labeled 'School'. A legend in the bottom left identifies 'Location' (person icon) and 'Place' (house icon). The right sidebar contains two schedule sections: 'Bobby Doe's Schedule' (7:30 AM at Park) and 'John Doe's Schedule' (11:00 AM at Work). Each section has a row of day selection buttons (S, M, Tu, W, Th, F, S) and links for 'Edit', 'Delete', and 'Add to [Name]'s Schedule'. The 'Add to Bobby Doe's Schedule' button is highlighted in orange.</p> <p>AT&T FamilyMap uses a number of techniques to determine a phone's location. AT&T phones that have A-GPS (Assisted GPS) return the most accurate locations when they have a clear line of sight to GPS satellites. For example, the phone is outside or is in a car near a window. For phones where A-GPS is not available, FamilyMap uses cell tower information to provide the most accurate location possible, which is usually within a few hundred yards to a few miles of the phone's actual location. This includes iPhones, non A-GPS phones, as well as A-GPS phones that are not in a clear line of sight to GPS satellites.</p> <p>Corporate Website Help Privacy Policy Terms of Use</p> <p>©2009 AT&T Intellectual Property All rights reserved. AT&T, AT&T logo and all other marks contained herein are trademarks of AT&T Intellectual Property and/or AT&T affiliated companies. ©2009 Wavemarket</p>

Exhibit 27

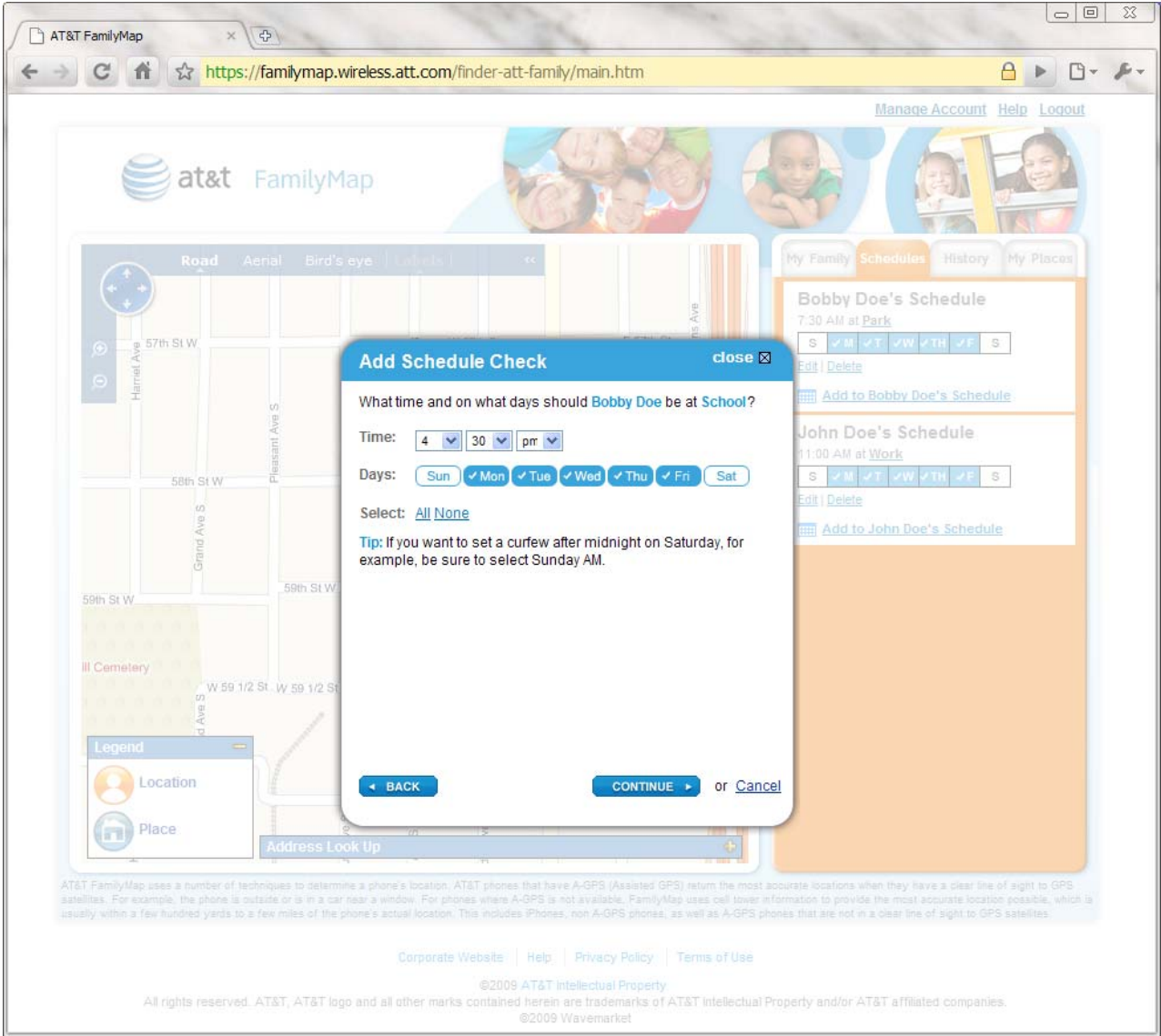
	Claim	Preliminary Exemplary Infringement Support
6.i.1 cont.		<p>Parameters are added to set the dates and times when the phone should be at the notification location.</p>  <p>The screenshot shows the AT&T FamilyMap website interface. A map is displayed on the left, showing a street grid with labels like '57th St W', 'Hammel Ave', 'Grand Ave S', and 'Pleasant Ave S'. A 'Legend' box in the bottom left corner identifies 'Location' with a person icon and 'Place' with a building icon. An 'Address Look Up' field is at the bottom. A modal dialog box titled 'Add Schedule Check' is centered over the map. The dialog asks: 'What time and on what days should Bobby Doe be at School?'. It includes a 'Time' section with dropdowns for '4', '30', and 'pm'. The 'Days' section has buttons for 'Sun', 'Mon', 'Tue', 'Wed', 'Thu', 'Fri', and 'Sat', with 'Mon' through 'Fri' currently selected. Below the days, it says 'Select: All None'. A tip at the bottom of the dialog reads: 'Tip: If you want to set a curfew after midnight on Saturday, for example, be sure to select Sunday AM.' At the bottom of the dialog are 'BACK', 'CONTINUE', and 'Cancel' buttons. On the right side of the website, there are sections for 'Bobby Doe's Schedule' and 'John Doe's Schedule', each showing a time and location (e.g., '7:30 AM at Park' and '11:00 AM at Work') and a weekly schedule grid with checkboxes for each day of the week.</p>

Exhibit 27

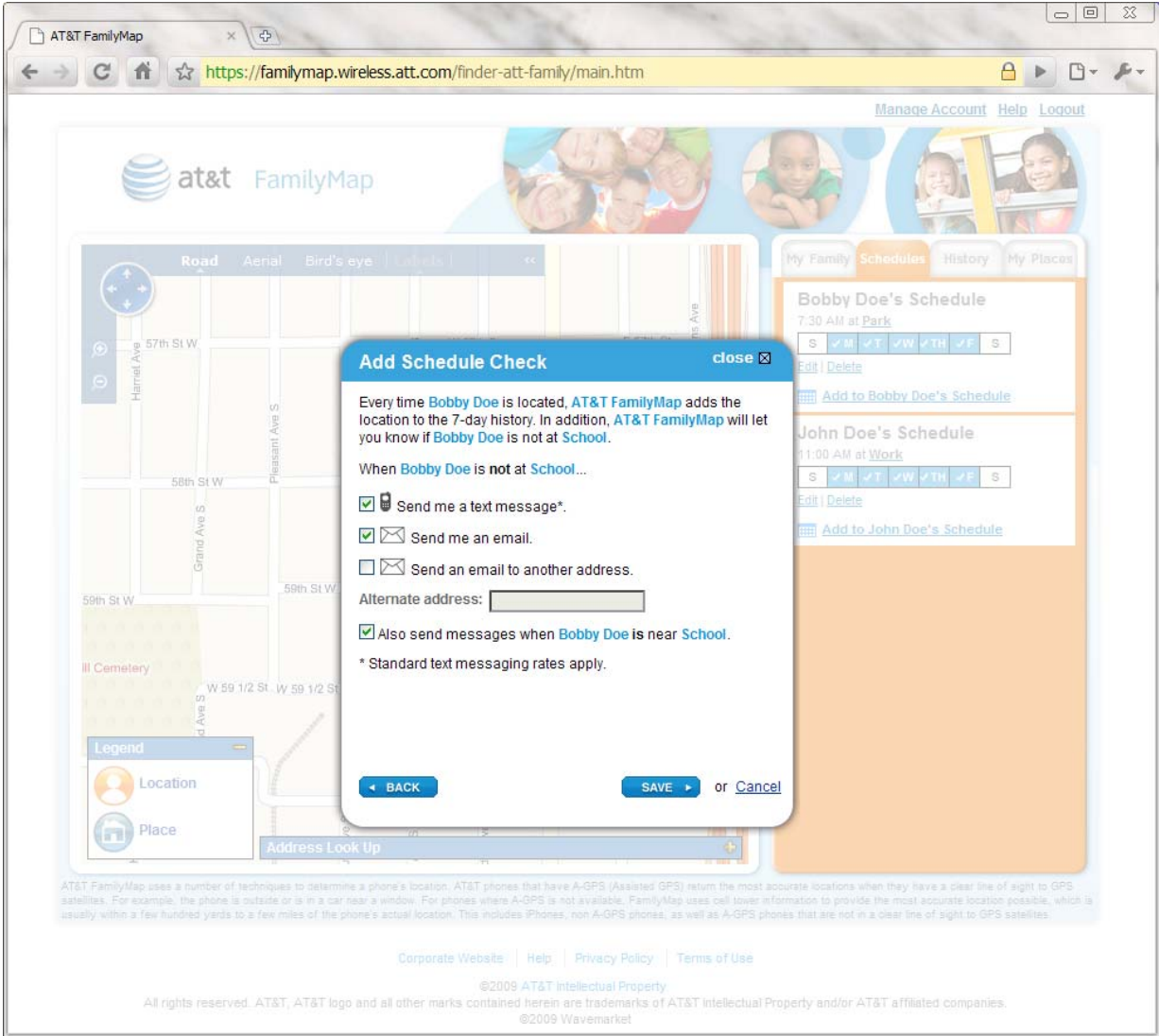
	Claim	Preliminary Exemplary Infringement Support
6.i.1 cont.		<p>The monitoring party also selects whether the notification will be sent by text message and/or an email.</p>  <p>The screenshot displays the AT&T FamilyMap interface. A map of a city street grid is visible on the left. Overlaid on the map is a dialog box titled "Add Schedule Check". The dialog box contains the following text:</p> <p>Every time Bobby Doe is located, AT&T FamilyMap adds the location to the 7-day history. In addition, AT&T FamilyMap will let you know if Bobby Doe is not at School.</p> <p>When Bobby Doe is not at School...</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Send me a text message*. <input checked="" type="checkbox"/> Send me an email. <input type="checkbox"/> Send an email to another address. <p>Alternate address: <input type="text"/></p> <input checked="" type="checkbox"/> Also send messages when Bobby Doe is near School. <p>* Standard text messaging rates apply.</p> <p>At the bottom of the dialog box are buttons for "BACK", "SAVE", and "Cancel".</p> <p>The background of the screenshot shows the AT&T FamilyMap website. The top navigation bar includes links for "Manage Account", "Help", and "Logout". The main content area displays a map with a legend for "Location" and "Place". On the right side, there is a sidebar showing the "Bobby Doe's Schedule" and "John Doe's Schedule". The Bobby Doe's Schedule shows a 7:30 AM location at "Park" with a weekly schedule of S, M, T, W, T, F, S. The John Doe's Schedule shows an 11:00 AM location at "Work" with a weekly schedule of S, M, T, W, T, F, S.</p>

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
6.i.2	generating a notification when said determining determines that the location of the mobile computing device corresponding to the object is at one of the notification locations; and	<p>"Schedule Checks allow you to set a day and time to automatically locate a family member's phone. For example, you can set a Schedule Check for 4:00PM every weekday to make sure your child gets home from school when you expect them. Once you create a Schedule Check, AT&T FamilyMap will locate your family member's phone and send you the location via email or text message." (https://familymap.wireless.att.com/finder-att-family/helpContent.htm?topic=1)</p> <p>FamilyMap "Schedule Checks" allow a server to determine when to send a notification to a monitoring party based on the location of one of the phones.</p>

Exhibit 27

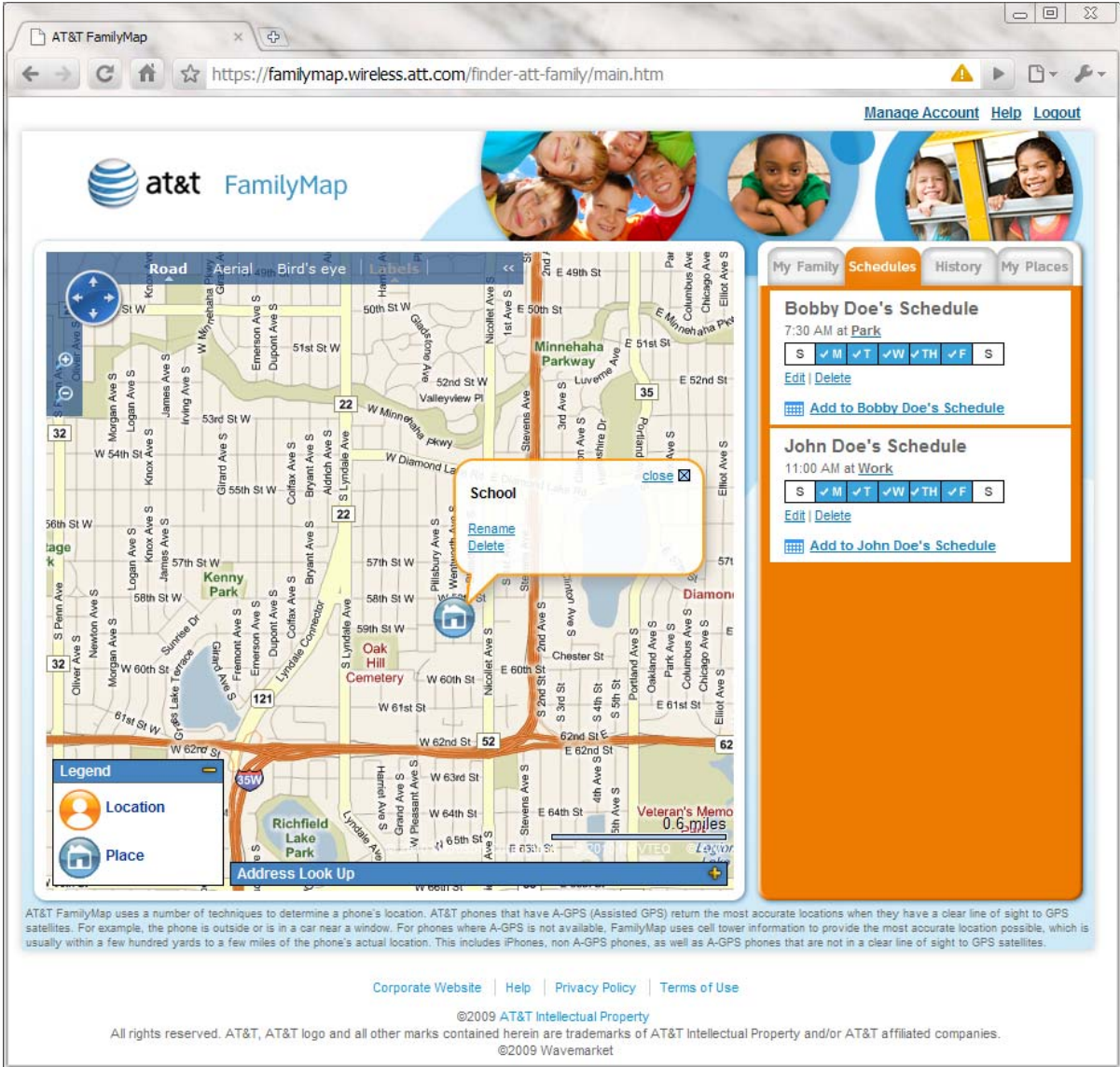
	Claim	Preliminary Exemplary Infringement Support
6.i.2 cont.		<p>As one example, a monitoring party can choose to "Add to Bobby Doe's Schedule".</p>  <p>The screenshot displays the AT&T FamilyMap interface. The main map shows a city grid with various locations marked. A 'School' location is highlighted with a blue icon and a pop-up window. The right sidebar contains two schedule sections: 'Bobby Doe's Schedule' and 'John Doe's Schedule'. The 'Bobby Doe's Schedule' section shows a 7:30 AM appointment at 'Park' with a weekly schedule (S, M, T, W, Th, F, S) and a button to 'Add to Bobby Doe's Schedule'. The 'John Doe's Schedule' section shows an 11:00 AM appointment at 'Work' with a weekly schedule (S, M, T, W, Th, F, S) and a button to 'Add to John Doe's Schedule'. The 'Add to Bobby Doe's Schedule' button is highlighted in orange.</p>

Exhibit 27

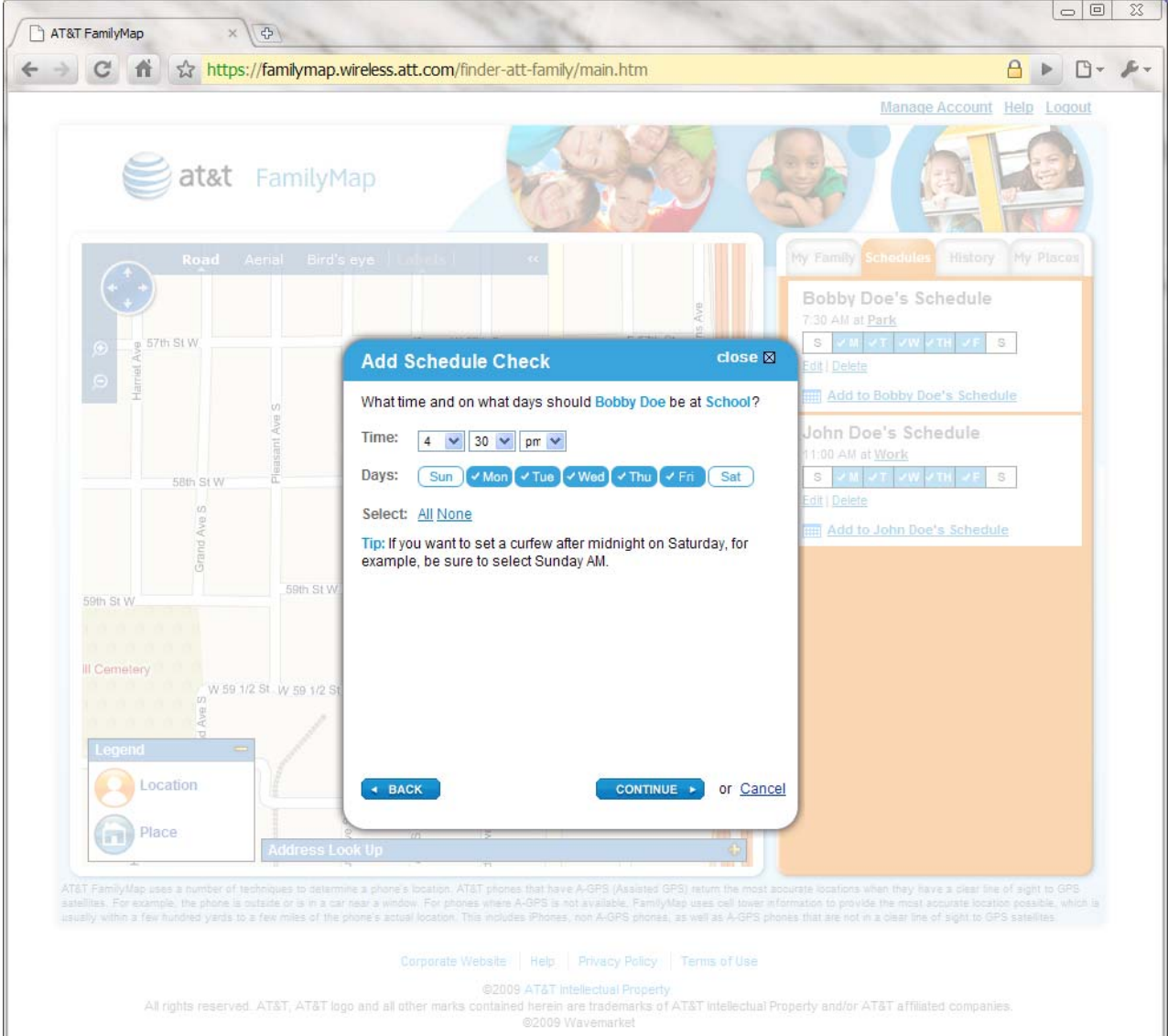
	Claim	Preliminary Exemplary Infringement Support
6.i.2 cont.		<p>Parameters are added to set the dates and times when the phone should be at the notification location.</p>  <p>The screenshot shows the AT&T FamilyMap web application. A map of a city street grid is visible, with a legend indicating 'Location' (orange circle) and 'Place' (blue house icon). A dialog box titled 'Add Schedule Check' is overlaid on the map. The dialog asks: 'What time and on what days should Bobby Doe be at School?'. It includes fields for 'Time' (4:30 pm) and 'Days' (Sun, Mon, Tue, Wed, Thu, Fri, Sat). Below the days, it says 'Select: All None'. A tip states: 'Tip: If you want to set a curfew after midnight on Saturday, for example, be sure to select Sunday AM.' At the bottom of the dialog are buttons for 'BACK', 'CONTINUE', and 'Cancel'. To the right of the map, there are sections for 'Bobby Doe's Schedule' and 'John Doe's Schedule', each showing a time and location and a weekly schedule grid. The website footer includes copyright information for 2009 AT&T Intellectual Property and Wavemarket.</p>

Exhibit 27

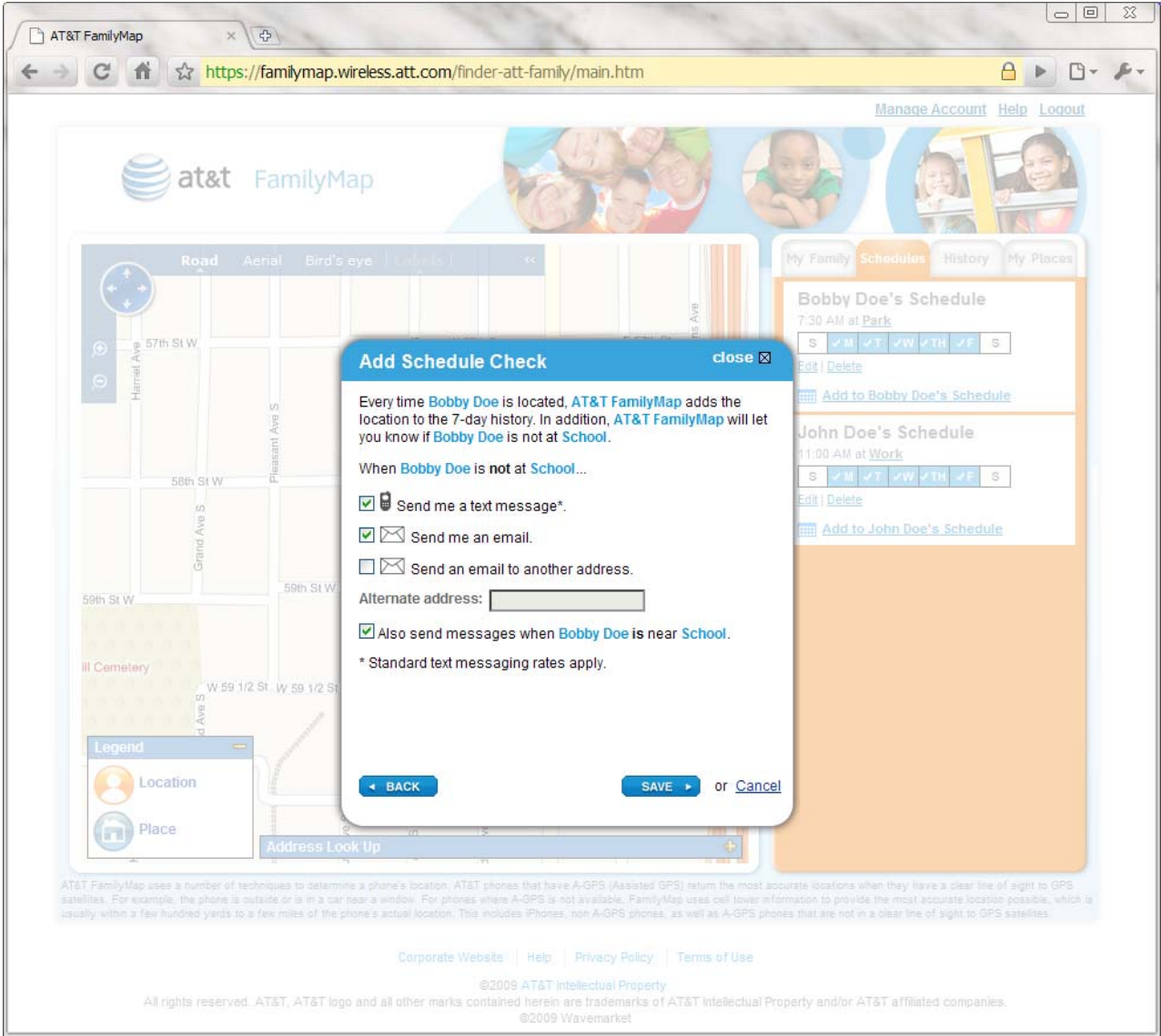
	Claim	Preliminary Exemplary Infringement Support
6.i.2 cont.		<p>The monitoring party also selects whether the notification will be sent by text message and/or an email.</p>  <p>The screenshot displays the AT&T FamilyMap interface. A central map shows a street grid with labels like '57th St W', 'Hammel Ave', 'Grand Ave S', and 'Pleasant Ave S'. A 'Legend' box in the bottom left identifies 'Location' with a person icon and 'Place' with a building icon. An 'Address Look Up' field is at the bottom. A modal dialog titled 'Add Schedule Check' is open, containing the following text: 'Every time Bobby Doe is located, AT&T FamilyMap adds the location to the 7-day history. In addition, AT&T FamilyMap will let you know if Bobby Doe is not at School.' Below this, it asks 'When Bobby Doe is not at School...' and provides three options: 'Send me a text message*' (checked), 'Send me an email.' (checked), and 'Send an email to another address.' (unchecked). An 'Alternate address:' field is present. At the bottom of the dialog, it says 'Also send messages when Bobby Doe is near School.' and '* Standard text messaging rates apply.' Navigation buttons 'BACK', 'SAVE', and 'Cancel' are at the bottom. The background sidebar shows 'Bobby Doe's Schedule' (7:30 AM at Park) and 'John Doe's Schedule' (11:00 AM at Work), each with a 7-day calendar view and 'Add to...' links.</p>

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
6.i.3	sending the notification to the authorized party.	<p>The Schedule Check procedure above outlines the procedure by which a server determines if a notification is to be sent to the authorized party.</p> <p>That notification is then sent. For example, the following email was received from no-reply@familymap.wireless.att.com by the authorized party, based on a previously configured Schedule Check.</p> <p>"Schedule Check Notification</p> <p>Bobby Doe's phone was at School at 4:28 PM, 06/21/2010.</p> <p>Bobby Doe was located within 786 yds of 5727 S 1st Ave in Minneapolis, MN at 4:28 PM, 06/21/2010. Accuracy may vary depending on handset type and network conditions.</p> <p>Want to locate Bobby Doe's phone again? Go to www.att.com/familymap.</p> <p>You have asked to receive emails at 4:30 PM on Monday, Tuesday, Wednesday, Thursday, and Friday, and be told whether Bobby Doe's phone is at School.</p> <p>To update Bobby Doe's schedule checks or to change how you receive these notifications, go to AT&T FamilyMap and click the Schedules tab." (E-mail from no-reply@familymap.wireless.att.com to guardianloc@gmail.com on June 21, 2010 at 4:28 PM))</p>
12.	A method as recited in claim 6, wherein the notification being sent is an electronic mail or instant message.	Notifications are sent by either electronic mail and/or instant message.

Exhibit 27

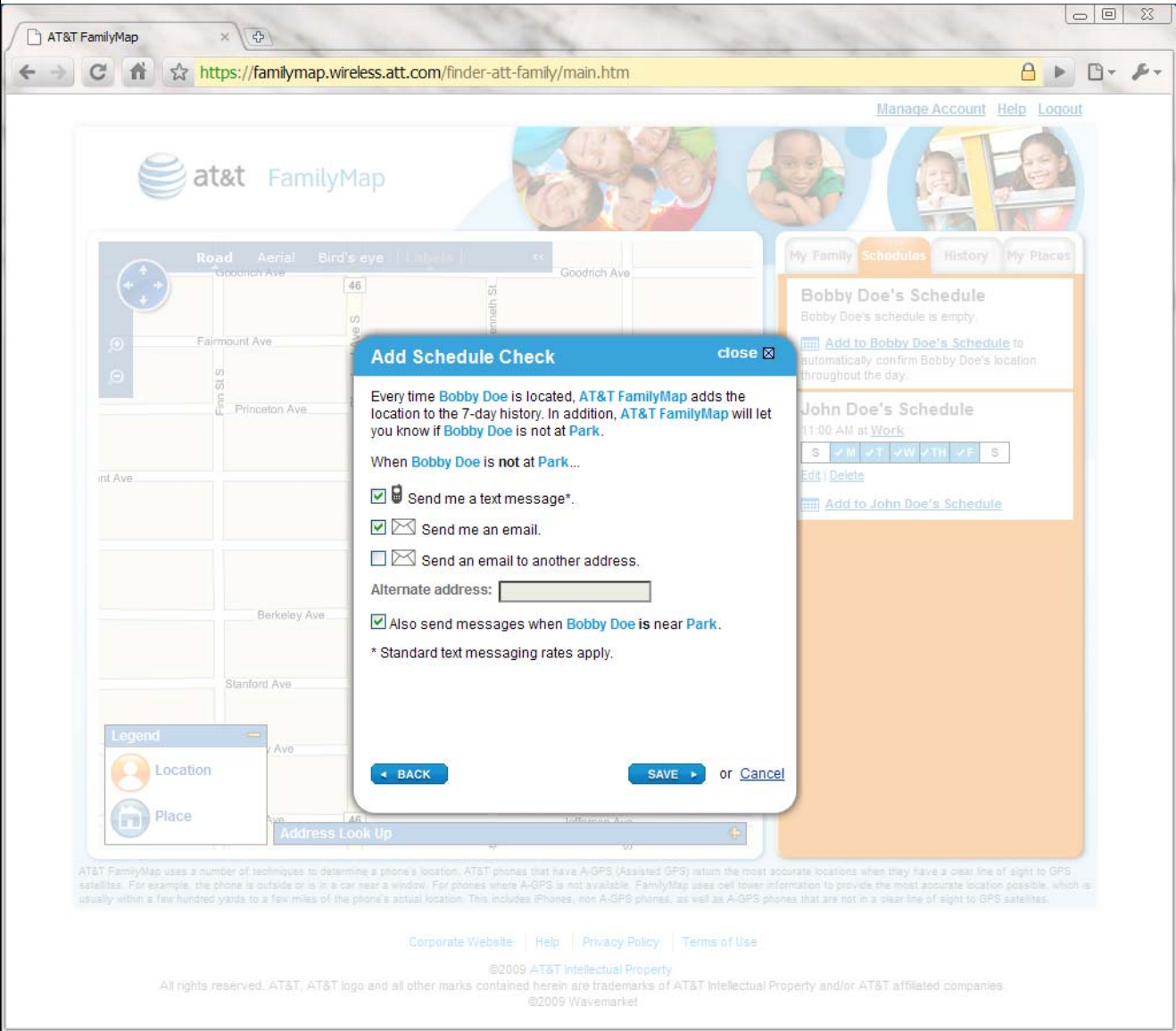
	Claim	Preliminary Exemplary Infringement Support
12. cont.		 <p>The screenshot displays the AT&T FamilyMap web application. The browser address bar shows the URL https://familymap.wireless.att.com/finder-att-family/main.htm. The page features the AT&T FamilyMap logo and navigation tabs for 'My Family', 'Schedules', 'History', and 'My Places'. A map is visible on the left, showing a street grid with labels like 'Goodrich Ave', 'Fairmount Ave', and 'Princeton Ave'. A 'Legend' box indicates 'Location' (orange circle) and 'Place' (blue house icon). An 'Address Look Up' field is at the bottom. A modal dialog box titled 'Add Schedule Check' is open in the center, containing the following text:</p> <p>Add Schedule Check close</p> <p>Every time Bobby Doe is located, AT&T FamilyMap adds the location to the 7-day history. In addition, AT&T FamilyMap will let you know if Bobby Doe is not at Park.</p> <p>When Bobby Doe is not at Park...</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Send me a text message*. <input checked="" type="checkbox"/> Send me an email. <input type="checkbox"/> Send an email to another address. <p>Alternate address: <input type="text"/></p> <p><input checked="" type="checkbox"/> Also send messages when Bobby Doe is near Park.</p> <p>* Standard text messaging rates apply.</p> <p>BACK SAVE or Cancel</p> <p>On the right side of the page, there are sections for 'Bobby Doe's Schedule' (noting it is empty) and 'John Doe's Schedule' (showing '11:00 AM at Work' with a weekly schedule bar). A footer contains copyright information: ©2009 AT&T Intellectual Property and ©2009 Wavemarket.</p>

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
13.	A method as recited in claim 6, wherein the object is a person.	The object is a person. "Locate your family members with AT&T FamilyMap! Get peace of mind by being able to conveniently locate a family member's wireless phone on a map from your mobile phone or PC." (https://familymap.wireless.att.com/finder-att-family/howWorks.htm)
14.	A method as recited in claim 6, wherein the period by which said receiving operates to receive the location is in accordance with a schedule, the schedule utilizing a plurality of different periods by which the location is acquired.	Receiving locations are in accordance with a schedule which utilizes multiple different periods by which the location is acquired.

Exhibit 27

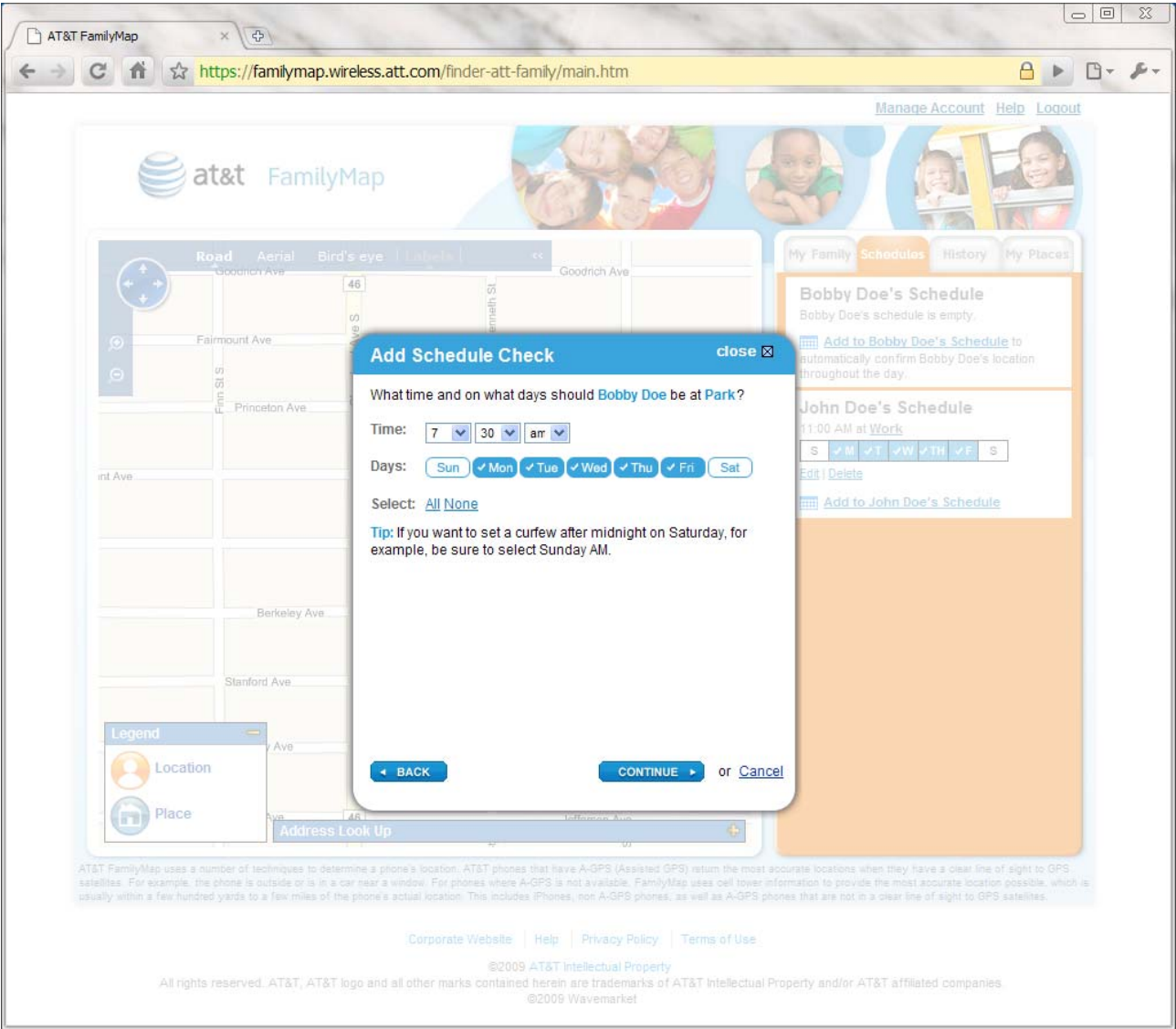
	Claim	Preliminary Exemplary Infringement Support
14 cont.		<p>For example, Schedule Checks are defined by both the time of the day and days of the week.</p>  <p>The screenshot displays the AT&T FamilyMap web application. A map of a neighborhood is visible in the background. Overlaid on the map is a modal dialog box titled 'Add Schedule Check'. The dialog asks, 'What time and on what days should Bobby Doe be at Park?'. It features a 'Time' section with dropdowns for '7', '30', and 'am'. The 'Days' section shows checkboxes for 'Sun', 'Mon', 'Tue', 'Wed', 'Thu', 'Fri', and 'Sat', with 'Mon' through 'Fri' being checked. Below the days, there is a 'Select:' section with links for 'All' and 'None'. A tip at the bottom of the dialog reads: 'Tip: If you want to set a curfew after midnight on Saturday, for example, be sure to select Sunday AM.' At the bottom of the dialog are buttons for 'BACK', 'CONTINUE', and 'Cancel'. To the right of the dialog, a sidebar shows 'Bobby Doe's Schedule' and 'John Doe's Schedule' with their respective status and schedule details.</p>

Exhibit 27

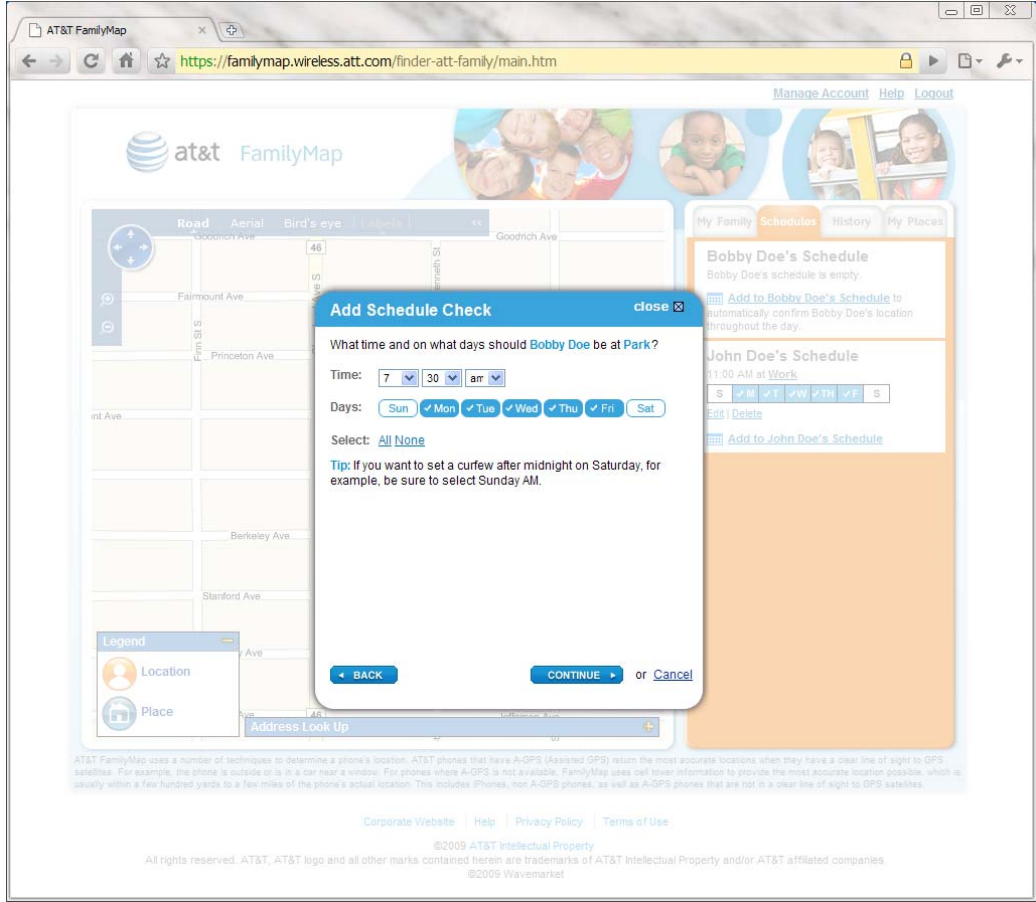
	Claim	Preliminary Exemplary Infringement Support
14. cont.		<p>"Schedule Checks allow you to set a day and time to automatically locate a family member's phone. For example, you can set a Schedule Check for 4:00PM every weekday to make sure your child gets home from school when you expect them. Once you create a Schedule Check, AT&T FamilyMap will locate your family member's phone and send you the location via email or text message." (https://familymap.wireless.att.com/finder-att-family/helpContent.htm?topic=1)</p>
15.	A method as recited in claim 14, wherein the schedule depends on the hour of day or the day of week.	<p>The schedule depends upon both the hour of the day and the day of the week.</p>  <p>The screenshot displays the AT&T FamilyMap interface. A map shows a street grid with labels like Goodrich Ave, Fairmount Ave, Princeton Ave, Berkeley Ave, and Stanford Ave. A 'Legend' box indicates 'Location' and 'Place'. An 'Address Look Up' field is at the bottom. A modal dialog titled 'Add Schedule Check' is open, asking 'What time and on what days should Bobby Doe be at Park?'. It shows a time of 7:30 AM and days selected from Sun to Sat. A tip at the bottom of the dialog reads: 'Tip: If you want to set a curfew after midnight on Saturday, for example, be sure to select Sunday AM.' Buttons for 'BACK', 'CONTINUE', and 'Cancel' are at the bottom of the dialog. On the right, a sidebar shows 'My Family' with 'Schedules', 'History', and 'My Places' tabs. Under 'Schedules', it lists 'Bobby Doe's Schedule' (empty) and 'John Doe's Schedule' (11:00 AM at Work).</p>

Exhibit 27

	Claim	Preliminary Exemplary Infringement Support
15 cont.		"Schedule Checks allow you to set a day and time to automatically locate a family member's phone. For example, you can set a Schedule Check for 4:00PM every weekday to make sure your child gets home from school when you expect them. Once you create a Schedule Check, AT&T FamilyMap will locate your family member's phone and send you the location via email or text message." (https://familymap.wireless.att.com/finder-att-family/helpContent.htm?topic=1)